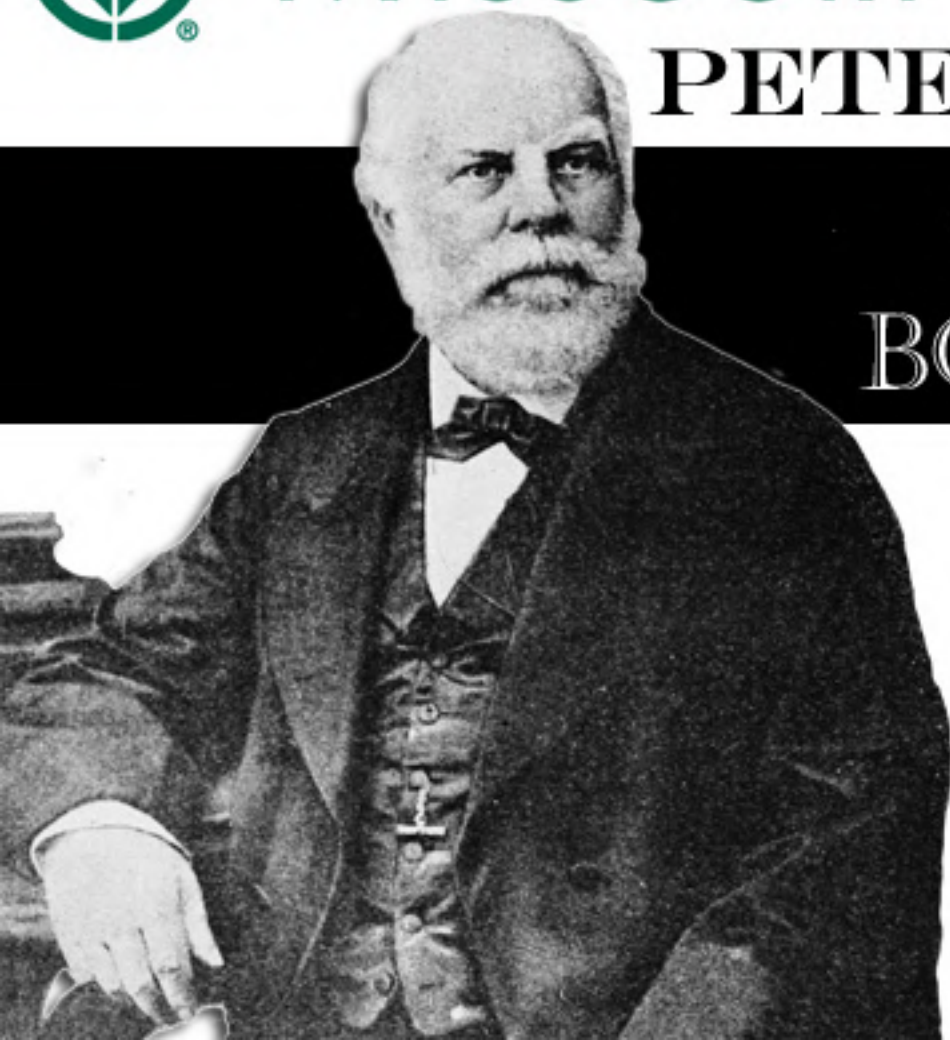


PETER H. RAVEN LIBRARY

GEORGE ENGELMANN
BOTANICAL NOTEBOOKS

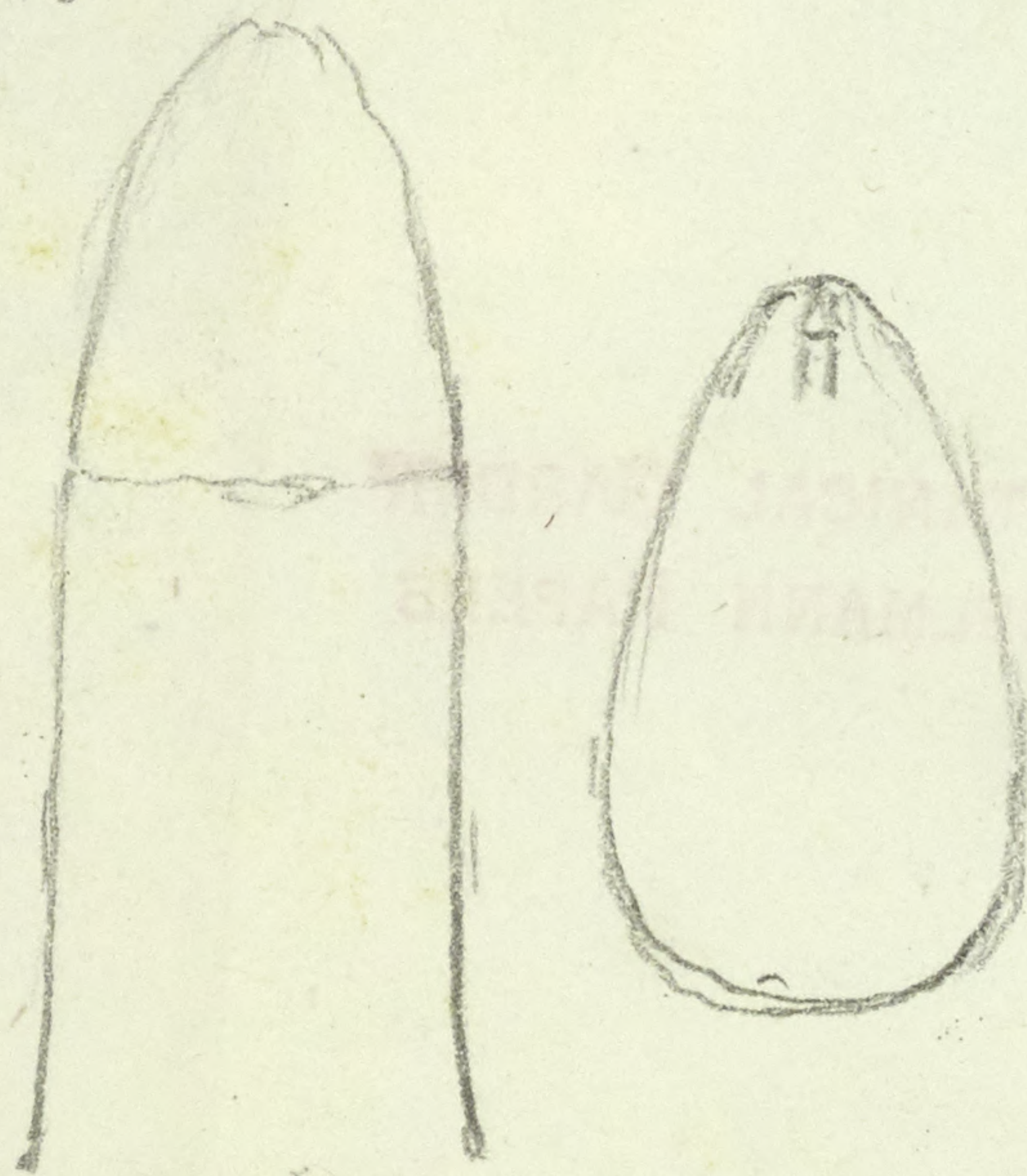


Pagination Note:

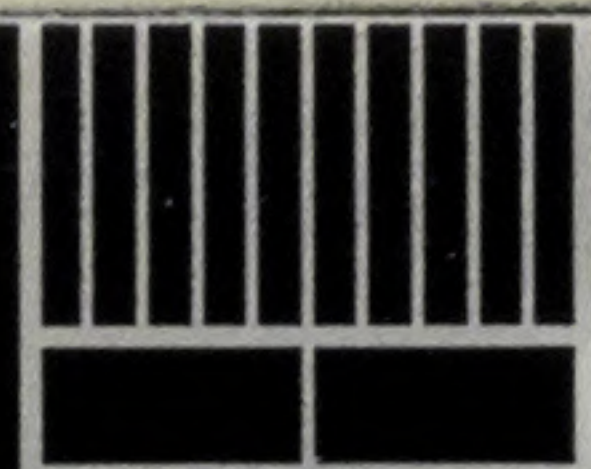
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

March 14 1882

x10



Q. Douglasii
Sacramento Valley



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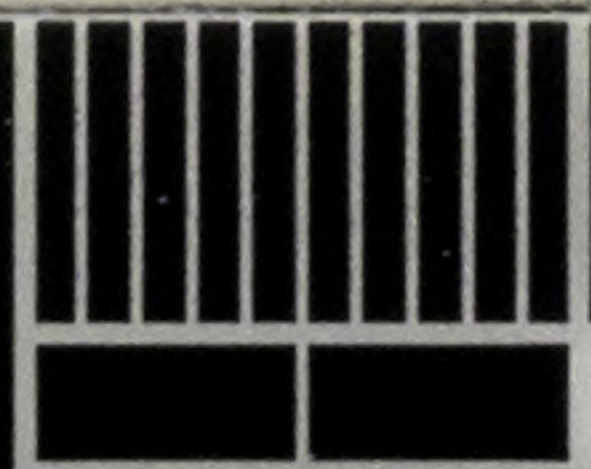
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MISSOURI
BOTANICAL
GARDEN

6279

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GEORGE ENGELMANN PAPERS



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copyright reserved



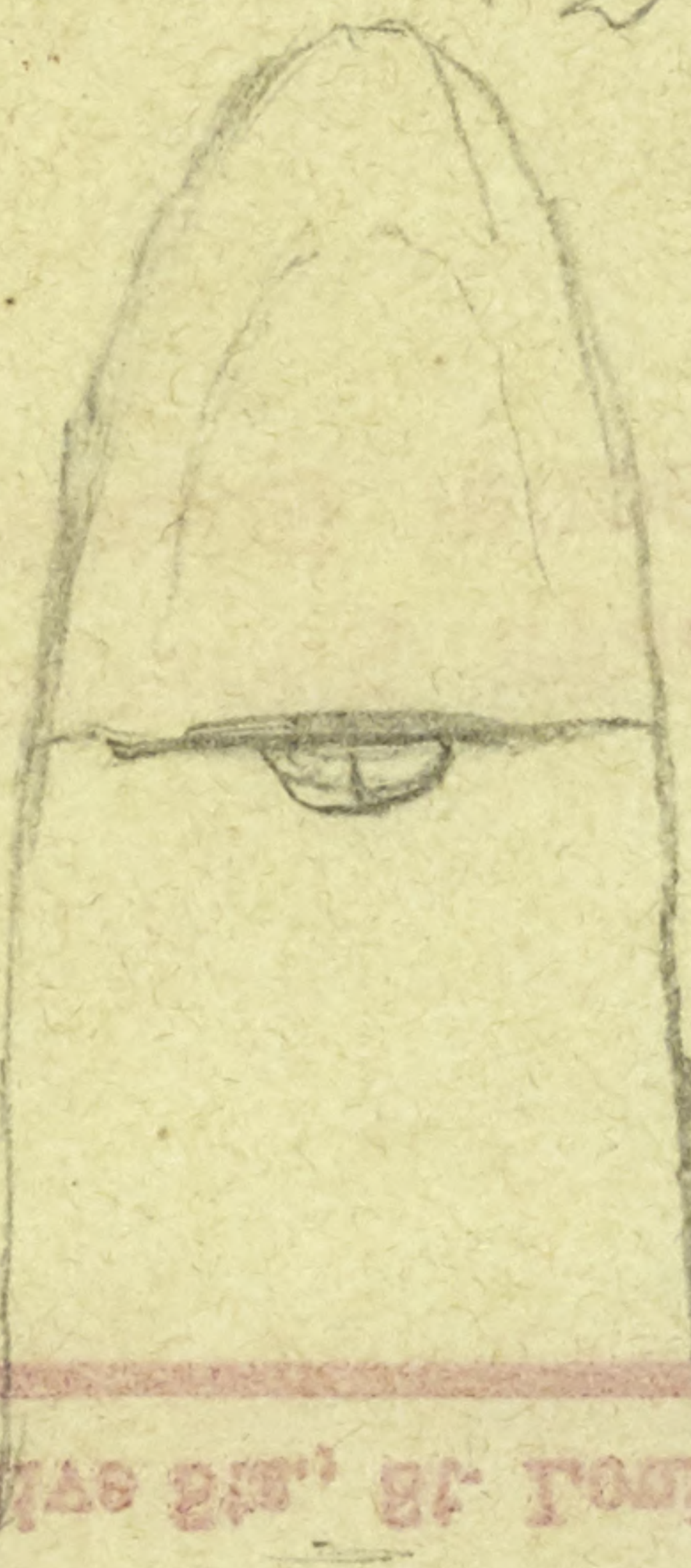
MISSOURI
BOTANICAL
GARDEN

9. Douglasii 3/4

~~San Gabriel~~
San Antonio Valley
& Parg.

Dec 9 1881

Nov 1881



X10



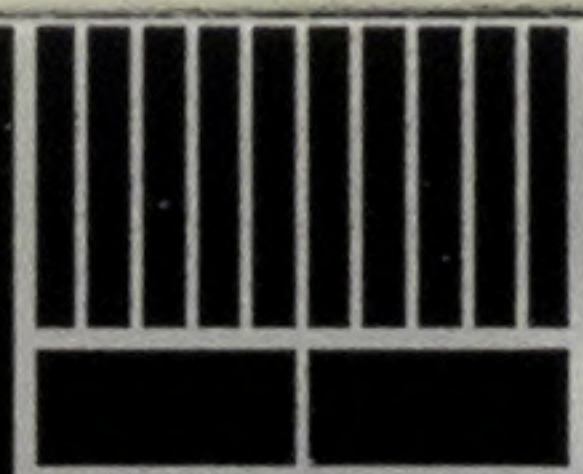
COL. J. H. COLEMAN, JR., ST. LOUIS

W. H. & CHEMIST

AT EX. FEILCH



Cotyledons slightly united



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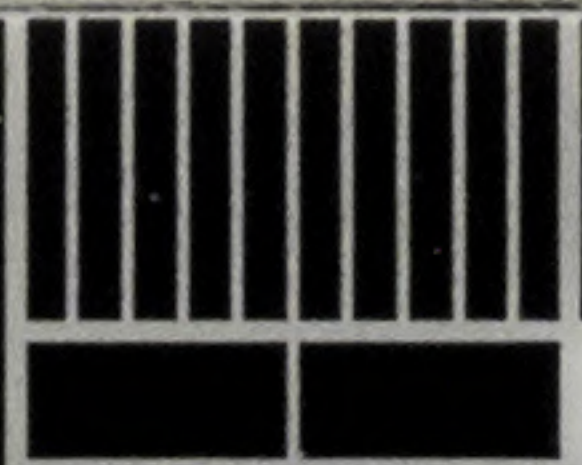
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GARDEN

6280

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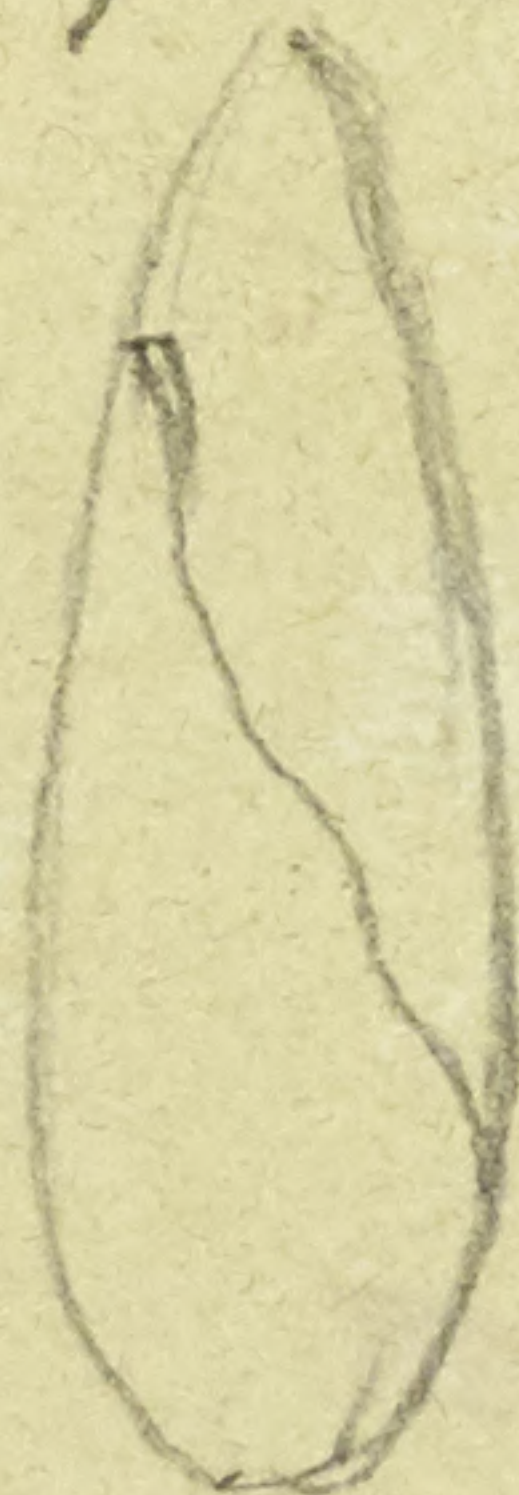
cm

copyright reserved

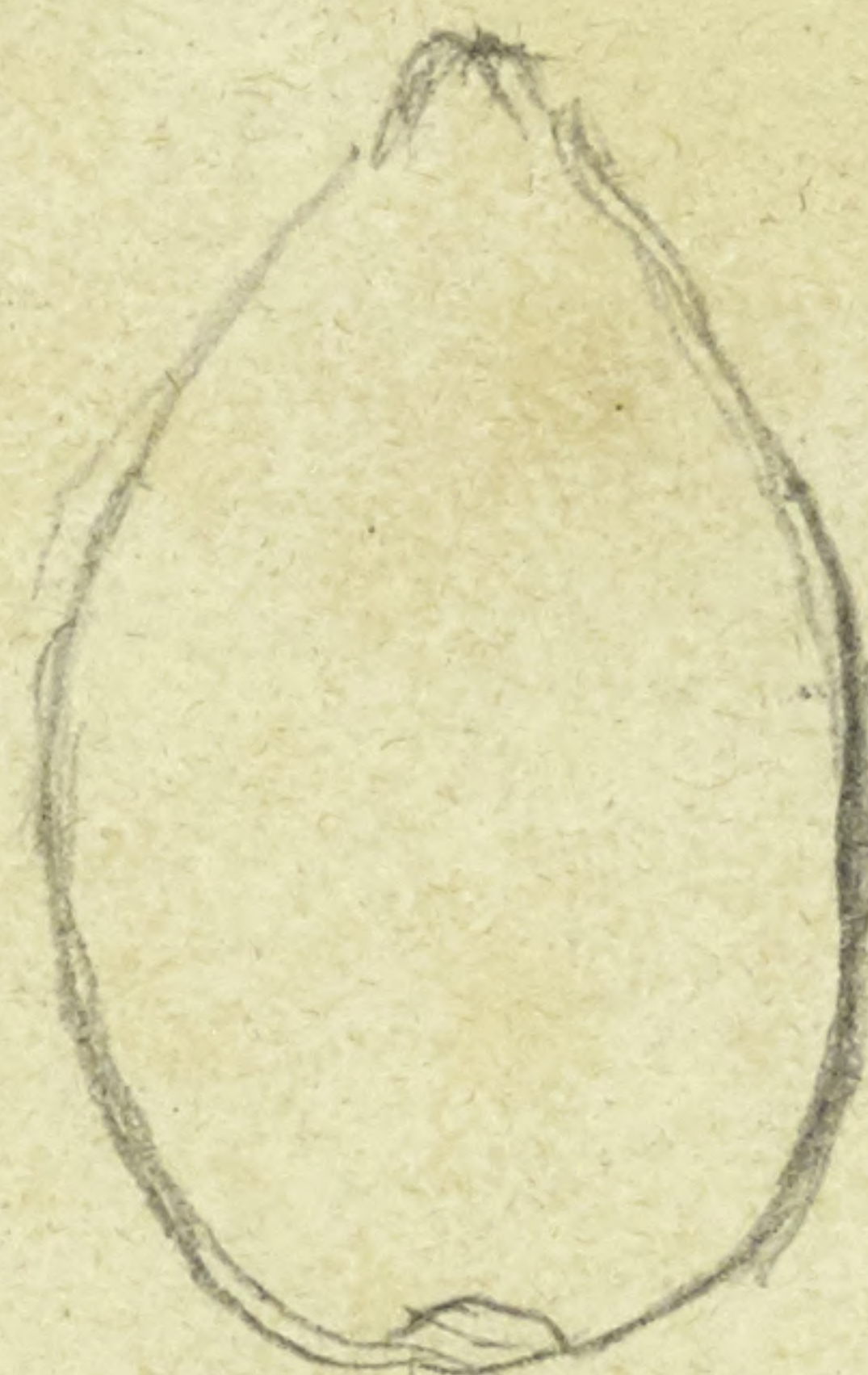


MISSOURI
BOTANICAL
GARDEN

Q. Douglasii Nov 20 1881
longiglandula *crassiglandula*, genuine
 foothills Tulare County, Napa Valley Oct 1880
 east of Visalia



Carunculus
 lateral
 cotyledons
 oblique

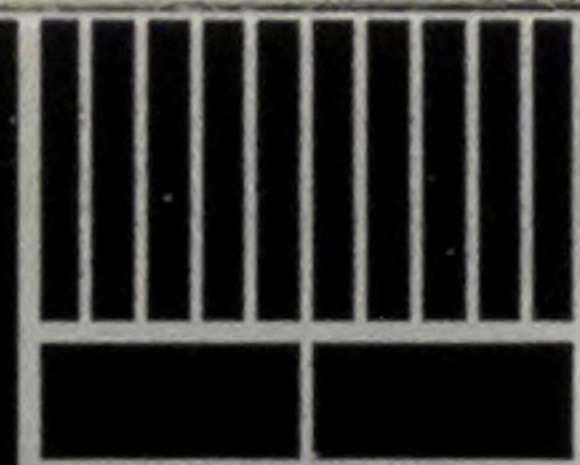


x 10



x 10

J. H. & C. Co. 1000
 2011 N. Main St. San Francisco, Cal.
 (Circular stamps and faint text)



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



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 BOTANICAL
 GARDEN

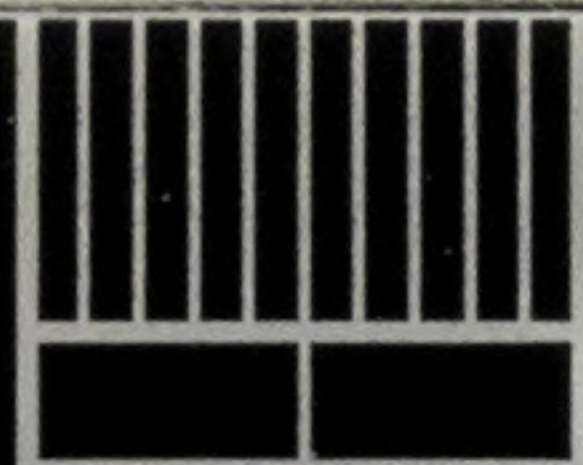
6281

Leitch & Corlies

Druggists

South West
Corner Fifth
and Market
Streets

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



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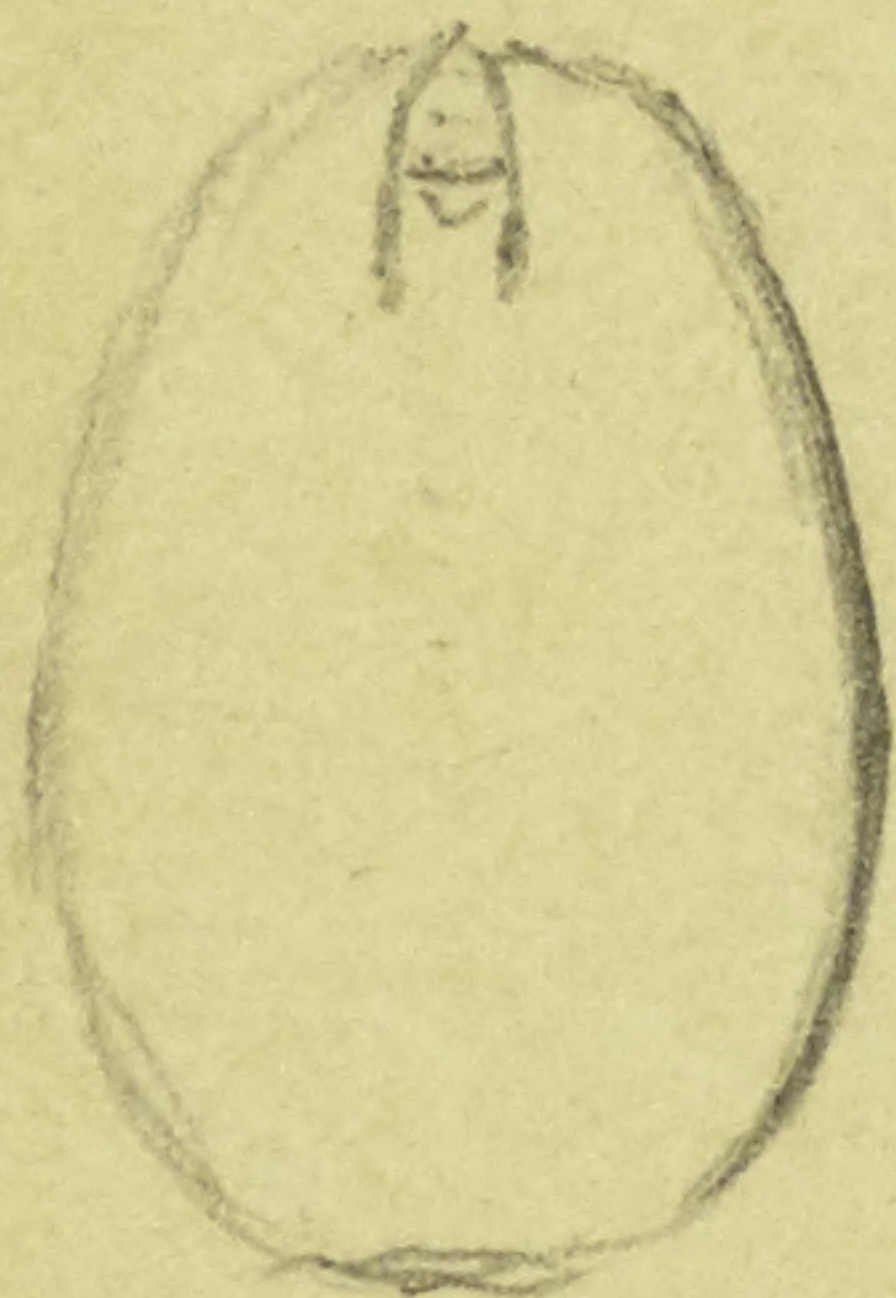
cm

copyright reserved

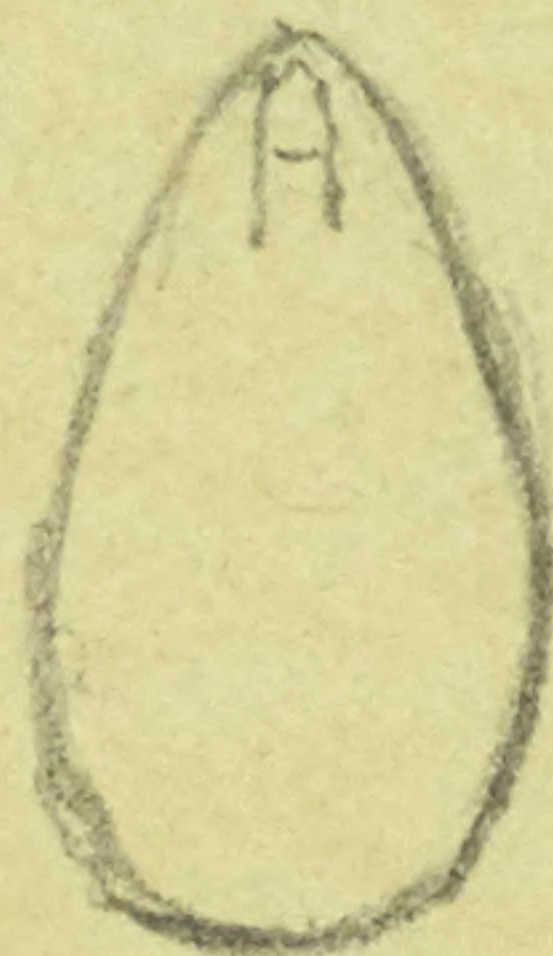
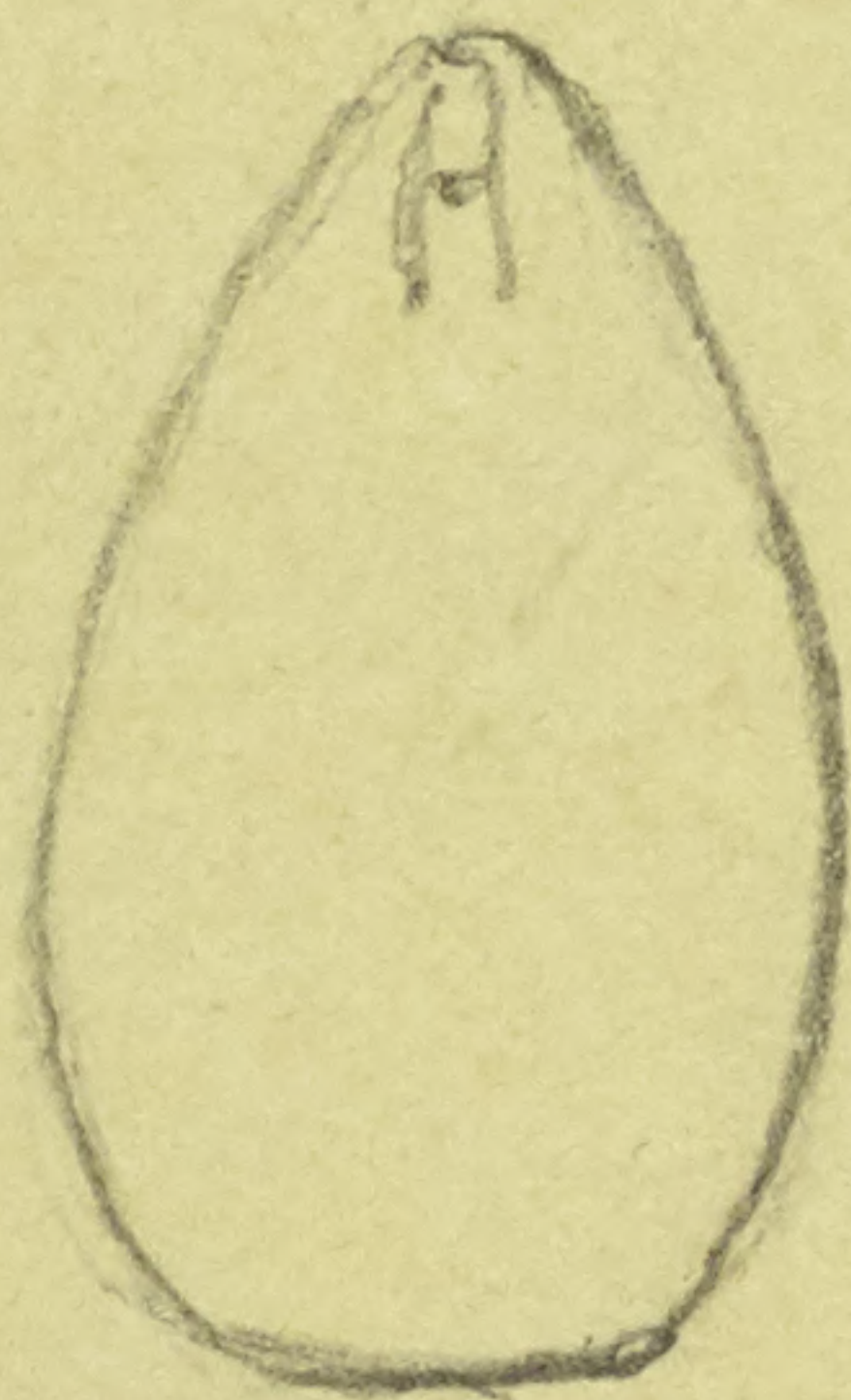


MISSOURI
BOTANICAL
GARDEN

Q. alba
St Louis



Q. dumosa
Calif.



Febr 20 1880



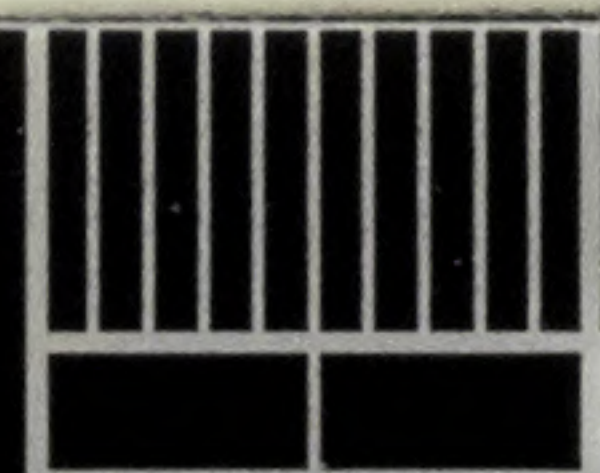
x10



x10



Plumule unusually
small



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copyright reserved



MISSOURI
BOTANICAL
GARDEN

6282

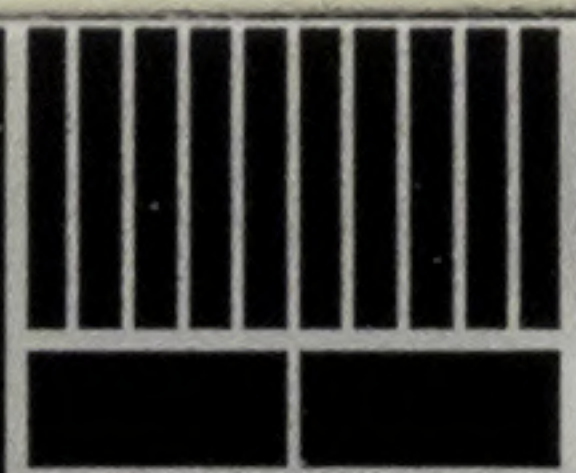
Henry T. Robinson,
APOTHECARY,

No. 2600 Locle Ave., S. W. Cor. Jefferson Ave.

ST. LOUIS, MO.

R

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



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copyright reserved



MISSOURI
BOTANICAL
GARDEN

Guineas Duroon F.

Nov 28 1881

Acorn

Caliper Dr Parry

Nov. 1881

Cup covered
with brown fuge



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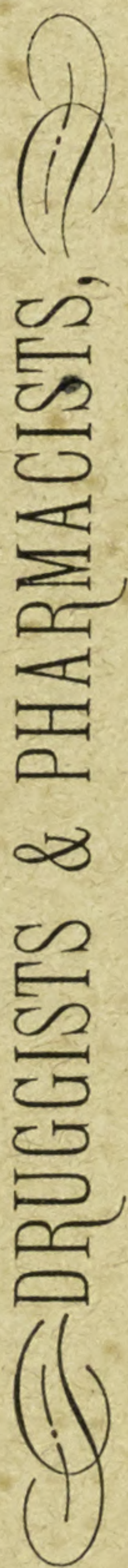
cm

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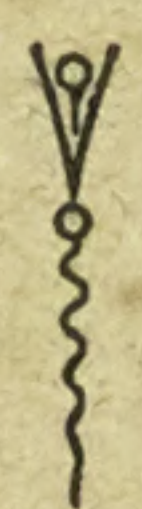
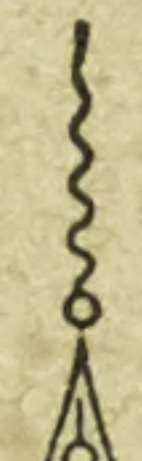


MISSOURI
BOTANICAL
GARDEN

H. W. BARKHOFFER & CO.,



No. 2934 Olive Street, S. E. Corner Garrison Avenue,

 **ST. LOUIS, MO.** 

R

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

6283



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copyright reserved

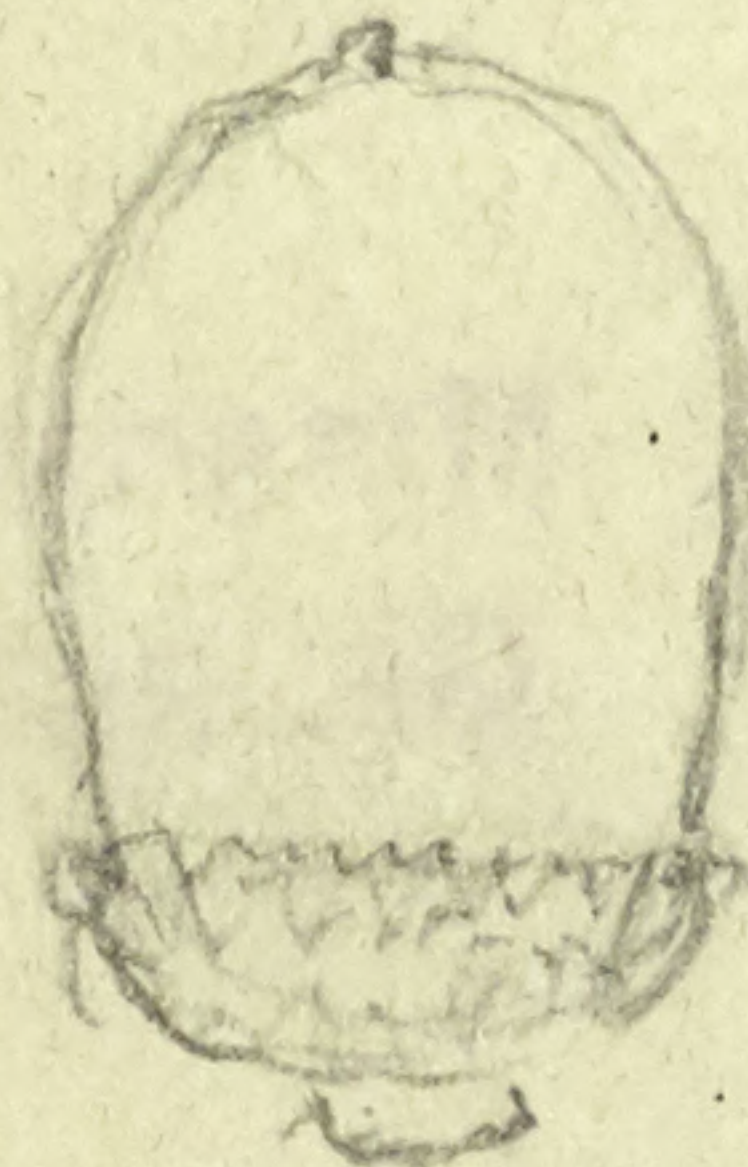
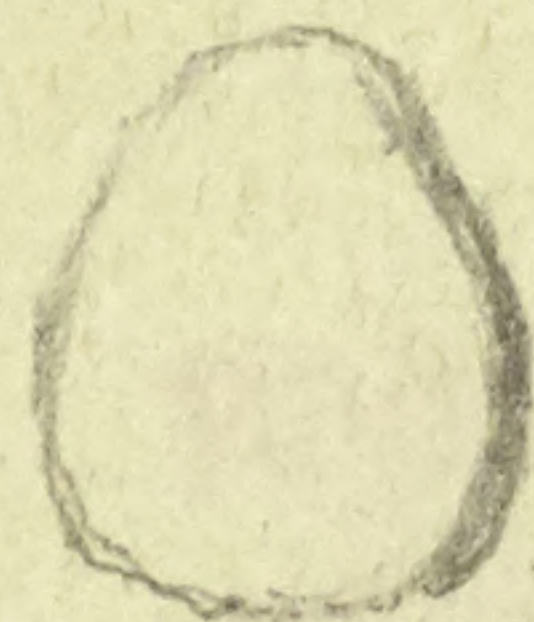
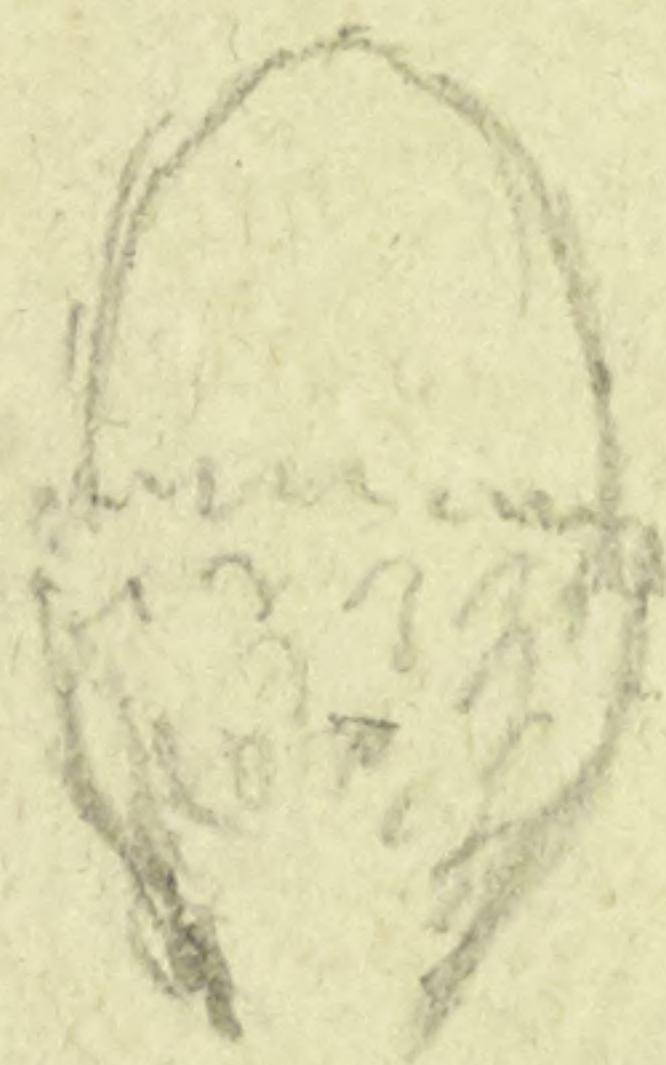


MISSOURI
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GARDEN

G. Durandii, Austin
Buckley

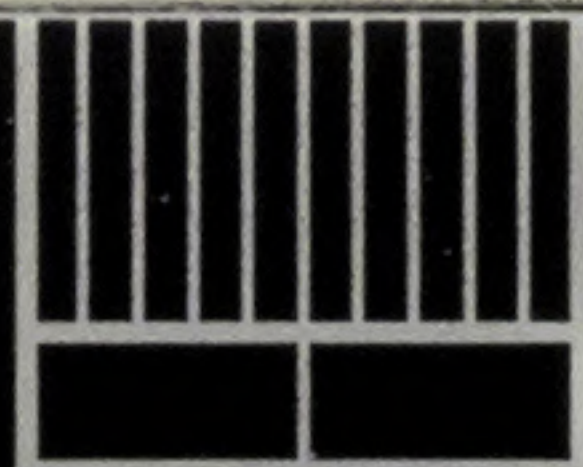
April 2^d - 1882

Austin Mohr



Cotyled.
separat

cotyl.
separat



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved

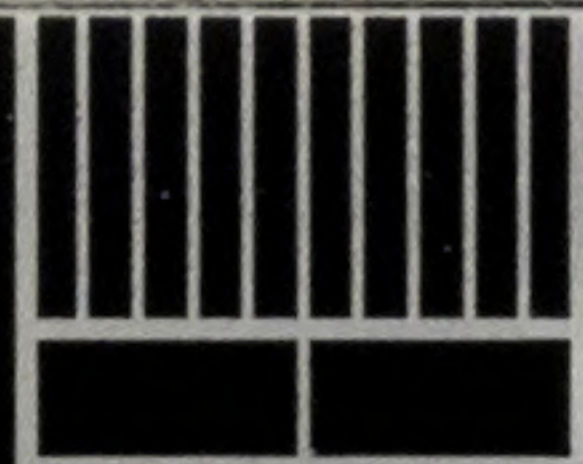


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BOTANICAL
GARDEN

6284

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

J. M. Kittick & Co. Cor. Main & Vine.
JONES & LEITCH
DRUGGISTS
COR. FIFTH & MARKET STREETS,
ST. LOUIS, MO.



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cm

copyright reserved



MISSOURI
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GARDEN

Quercus Durandi (San l. beam)
Dallas Texas, November

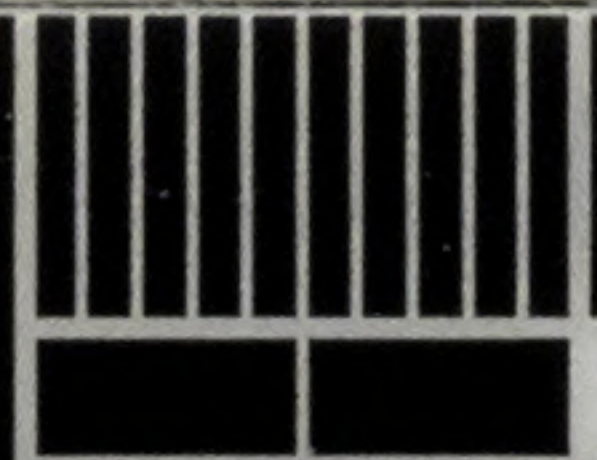
Dec 27 1882



cotyledons separate



x10



0 1 2 3 4 5 6 7 8 9 10

cm

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MISSOURI
BOTANICAL
GARDEN

6285

ALEX. LEITCH,

APOTHECARY & PHARMACEUTIST,

Marble Building Cor. Fourth & Olive Sts. St. Louis, Mo.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



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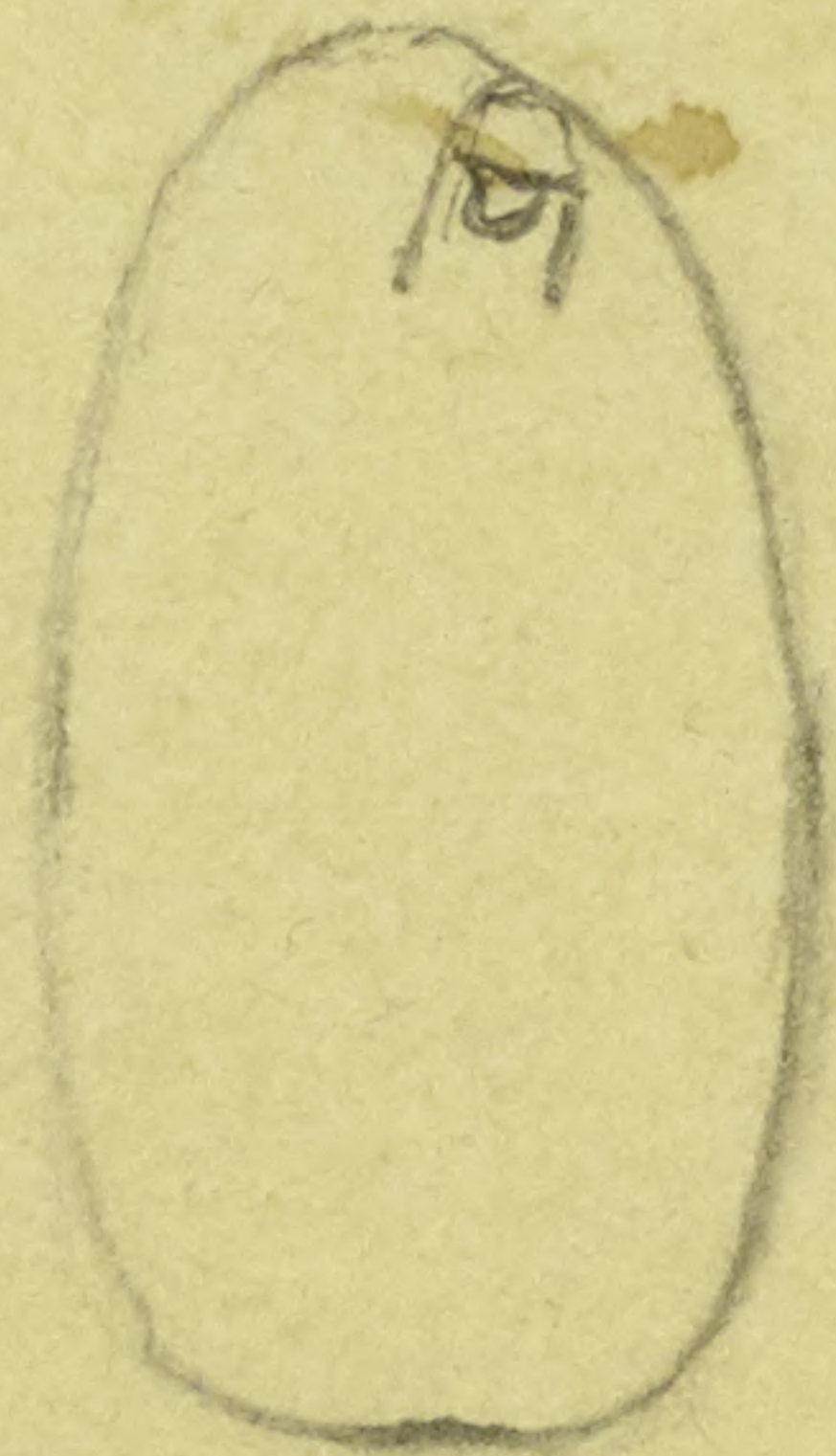
cm

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MISSOURI
BOTANICAL
GARDEN

Q. Douglasii
California
E. Hilgard



x10



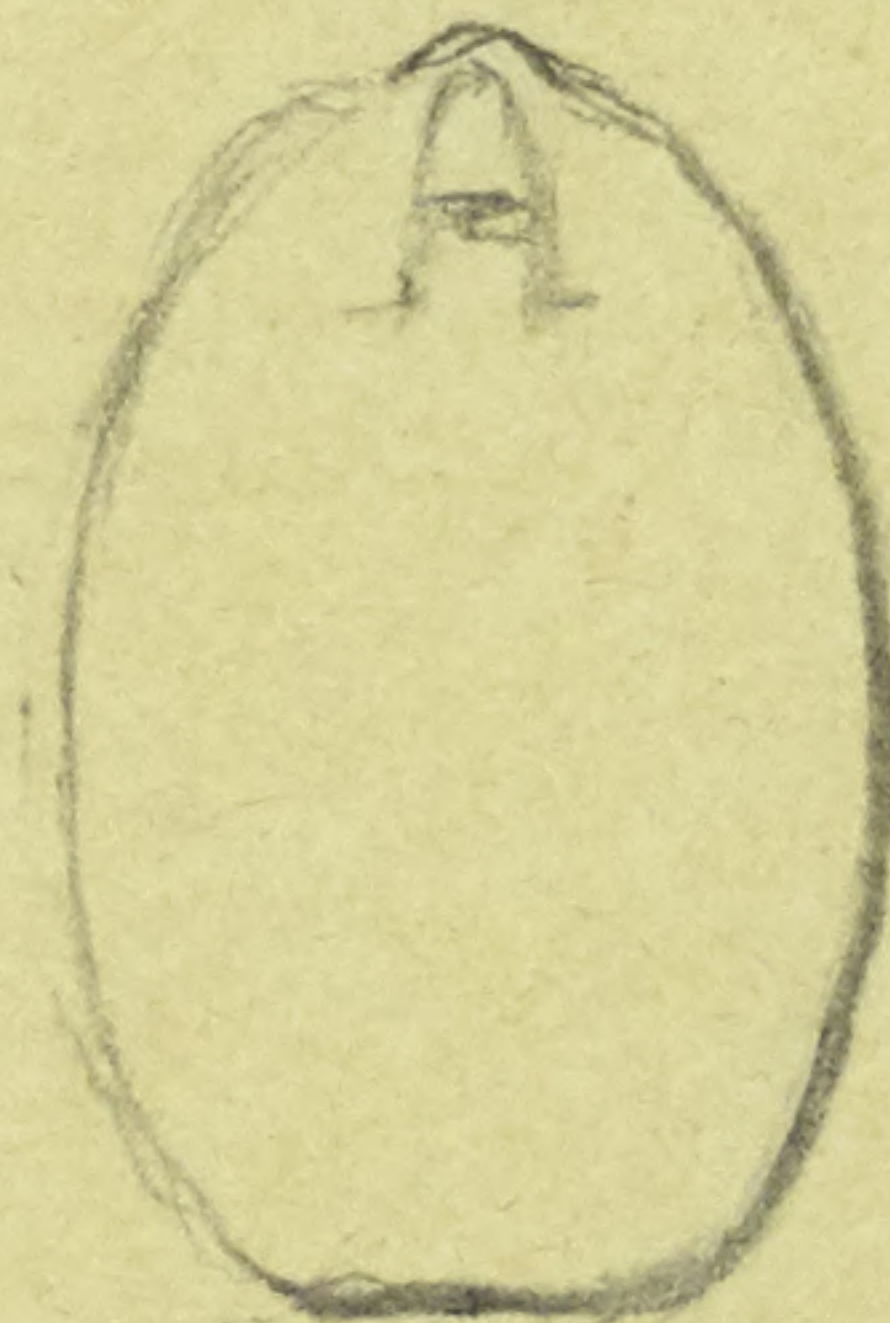
Q. garryana
Oregon line, Brewer



x10



Febr 20 1880
Q. Breweri
Sheets, Brewer 1336



x10



MISSOURI
BOTANICAL
GARDEN



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cm

copyright reserved

6286

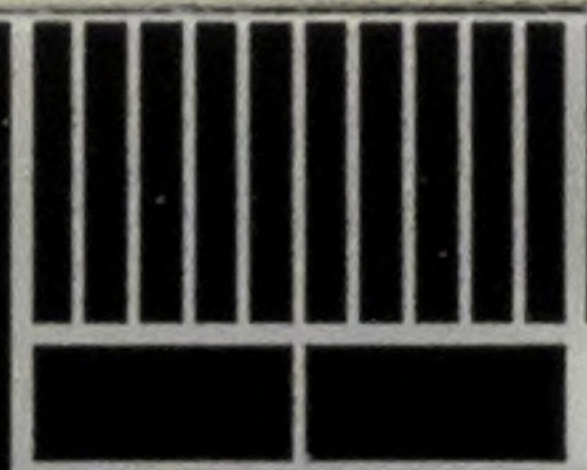
LEWIS T. RORER,
APOTHECARY,

No. 2600 Euclid Ave., S. W. Cor. Jefferson Ave.

ST. LOUIS, MO.

R

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



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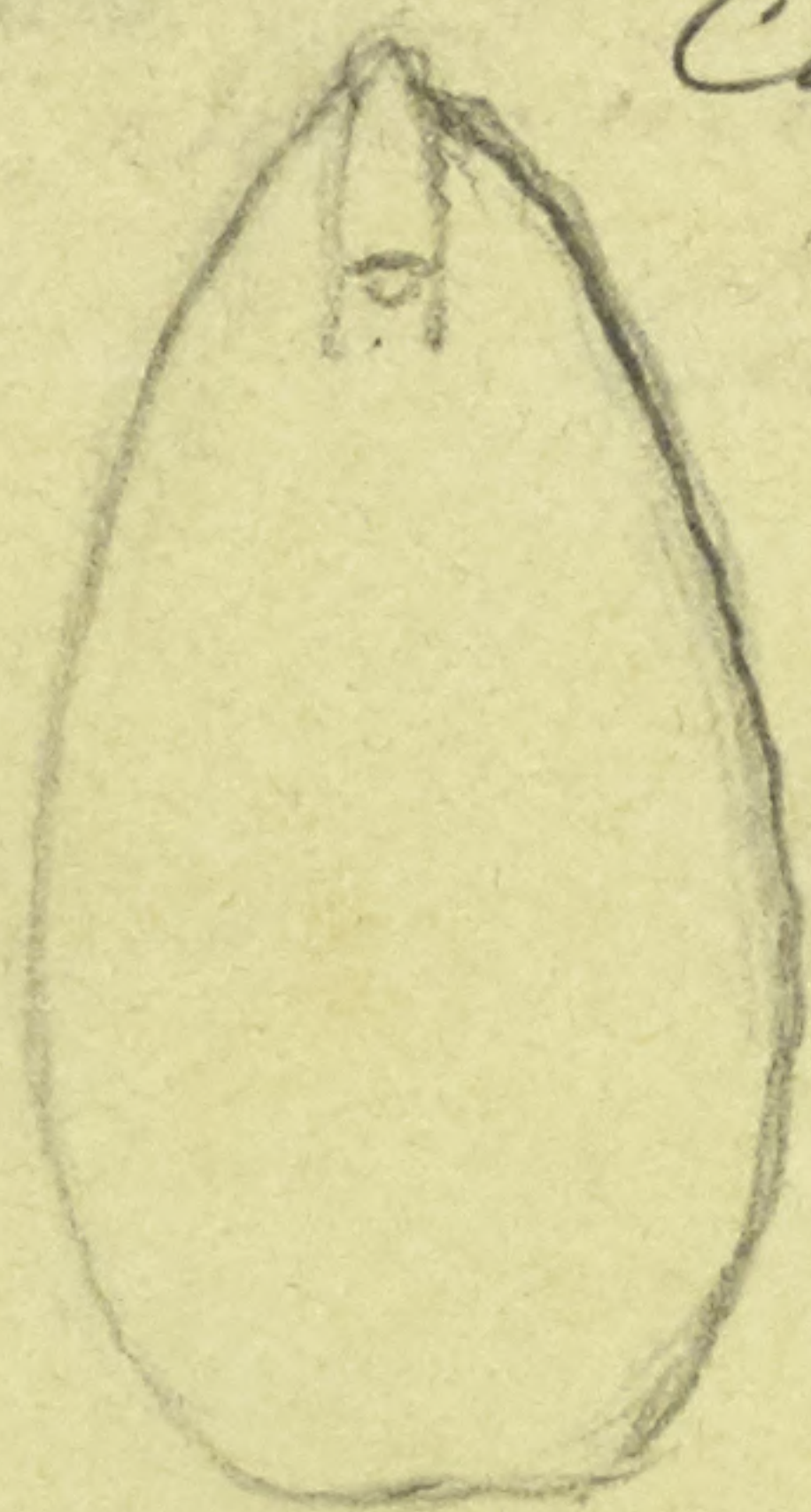
copyright reserved



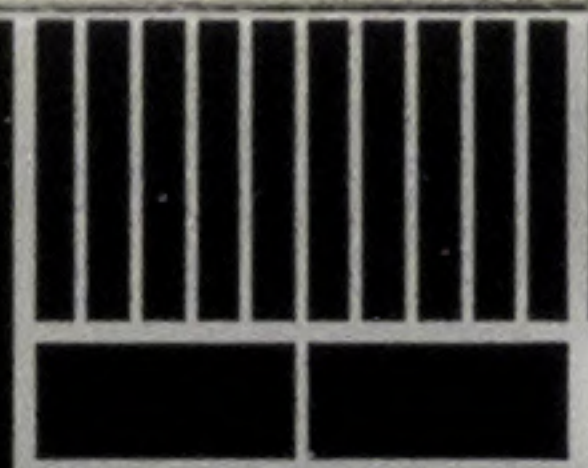
MISSOURI
BOTANICAL
GARDEN

G. Kelloggii
Calif.

Febr 20
1880



x10



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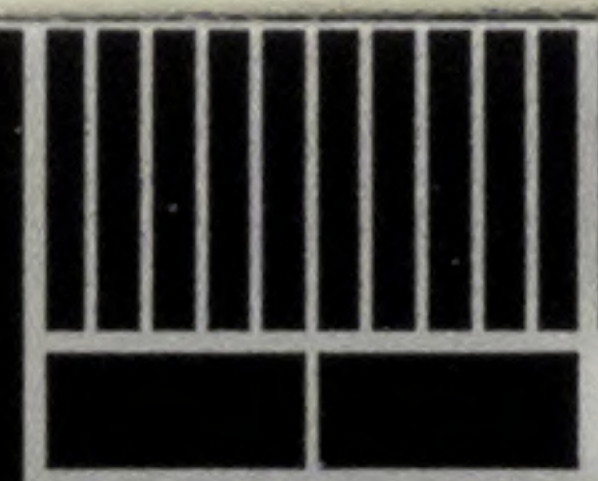
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GARDEN

6287

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GEORGE ENGELMANN PAPERS



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GARDEN

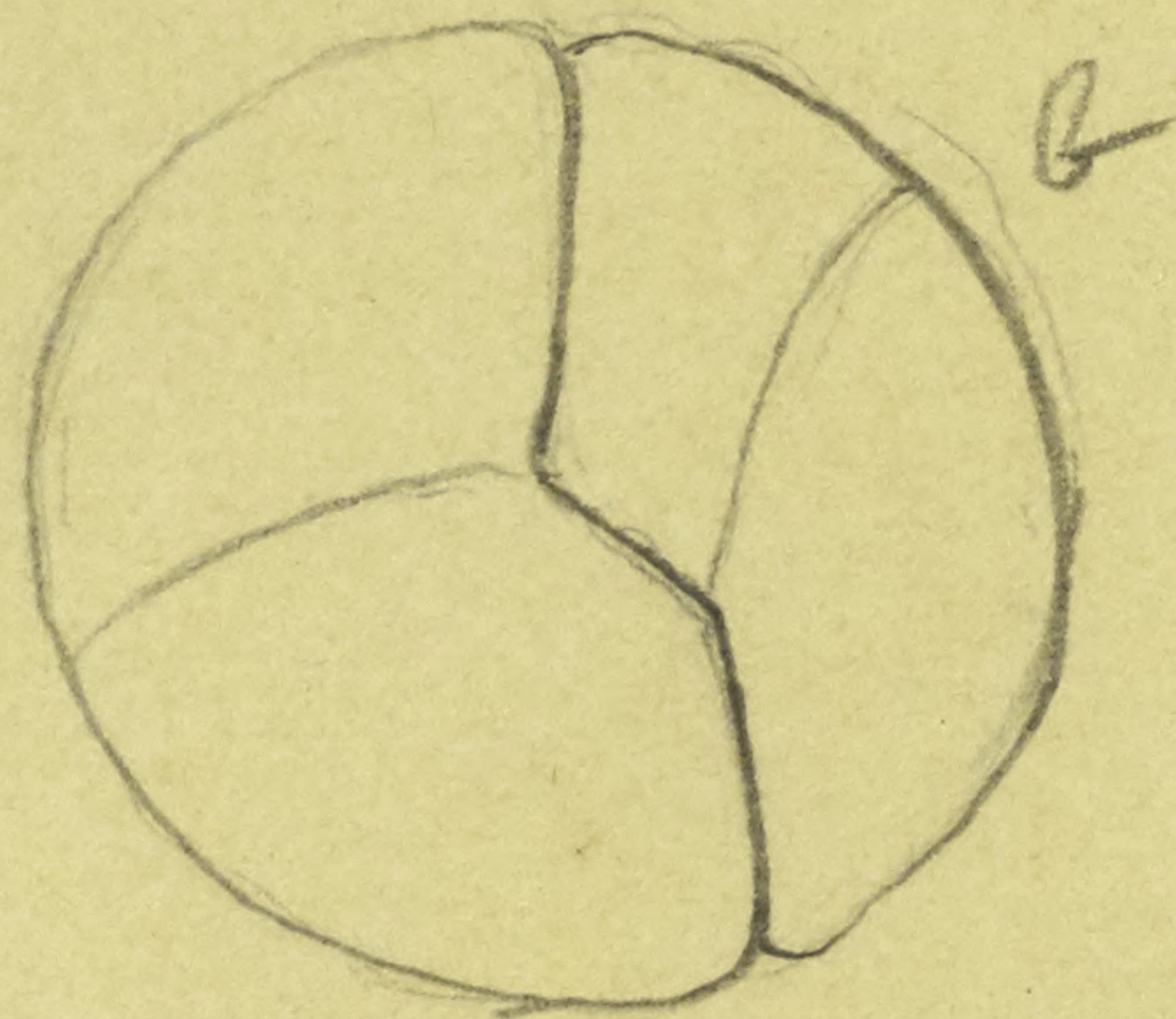
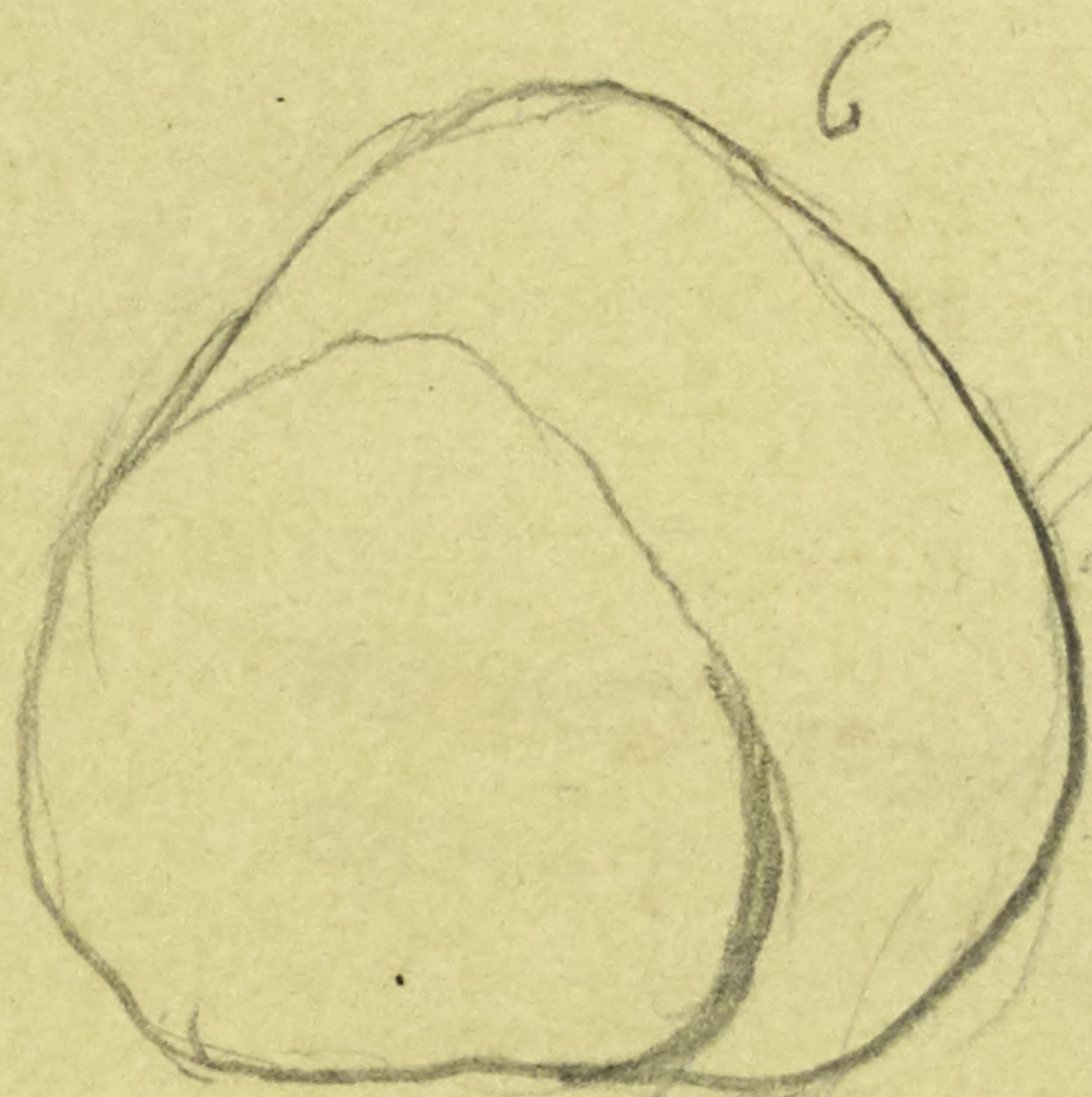
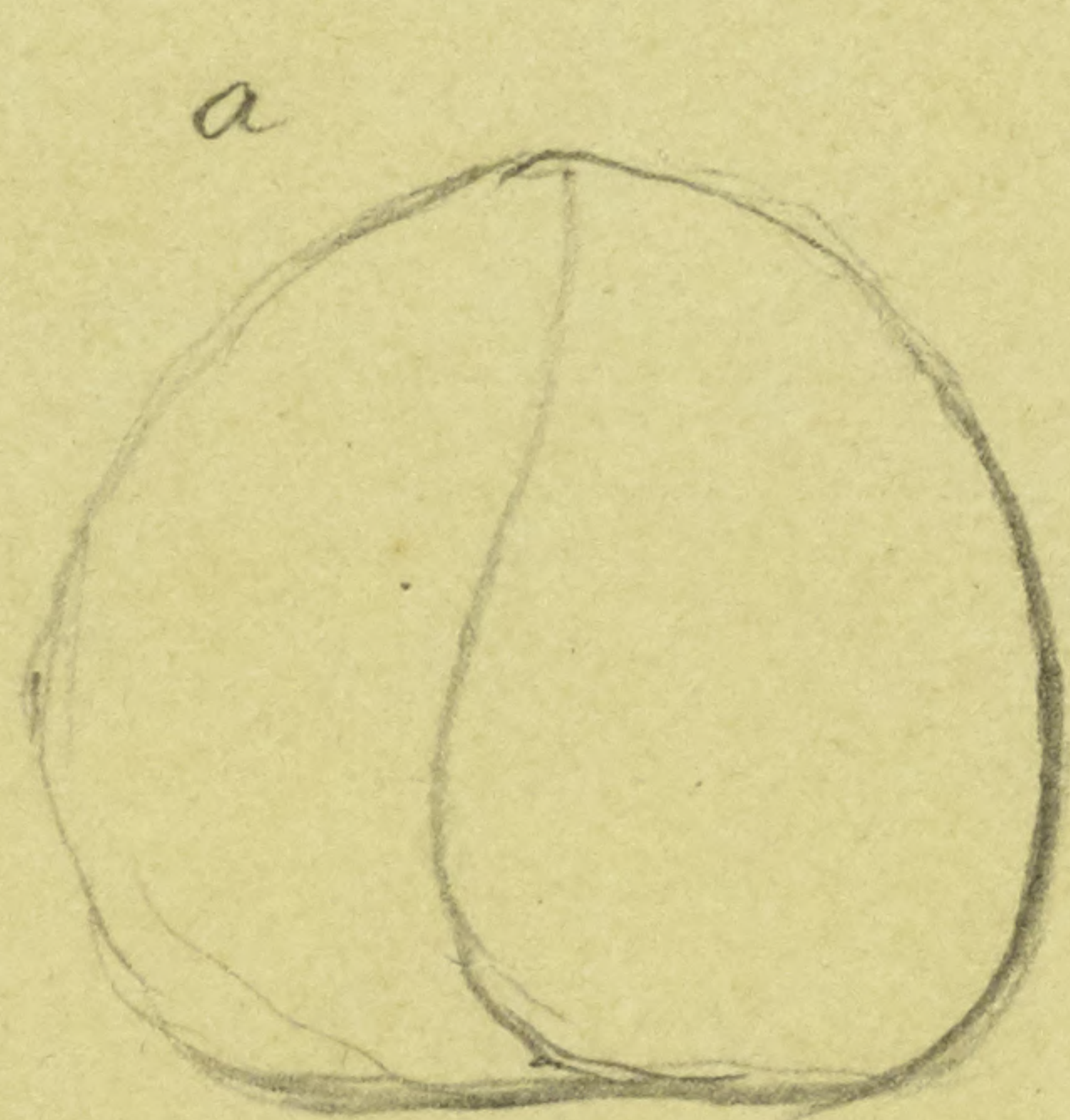
Quercus Michauxii
acorn with 2 seeds

Mt Carmel

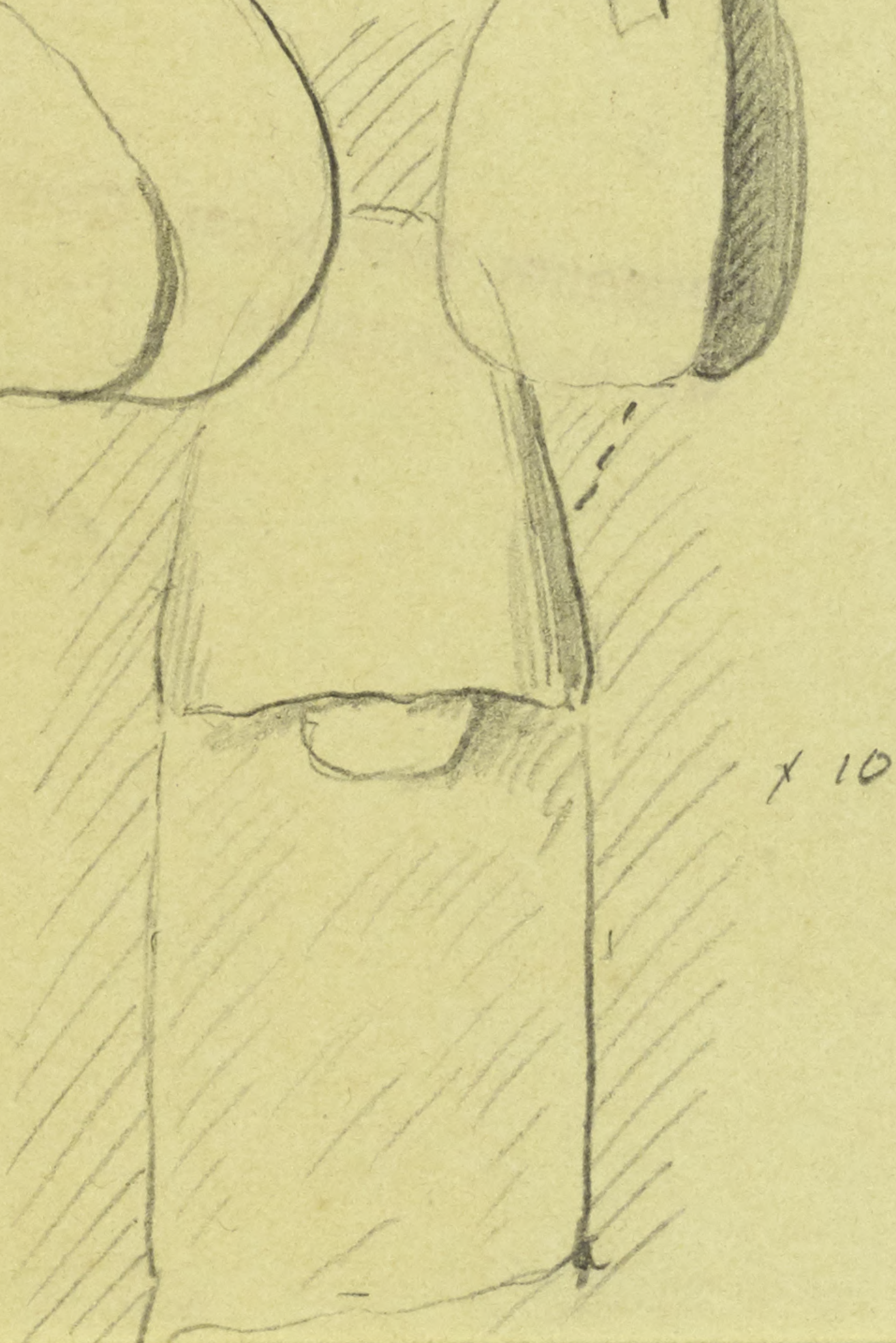
Febr 20, 1880

Ill.

Dr Schneek



top view



x 10



0 1 2 3 4 5 6 7 8 9 10

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copyright reserved



MISSOURI
BOTANICAL
GARDEN

6288

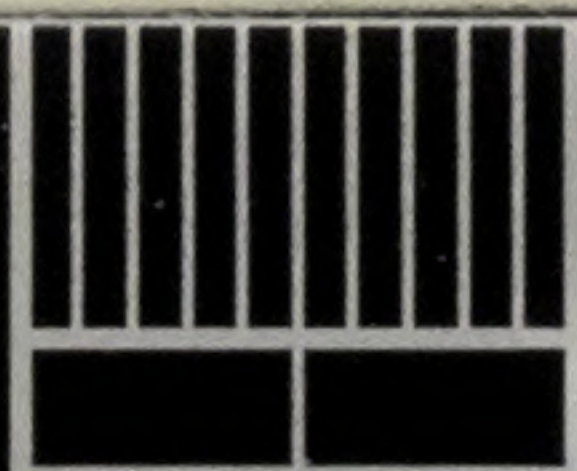
HENRY T. ROHLFMAN
APOTHECARY

No. 2600 Laclede Ave., S. W. Cor. Jefferson Ave.

ST. LOUIS, MO.

R

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



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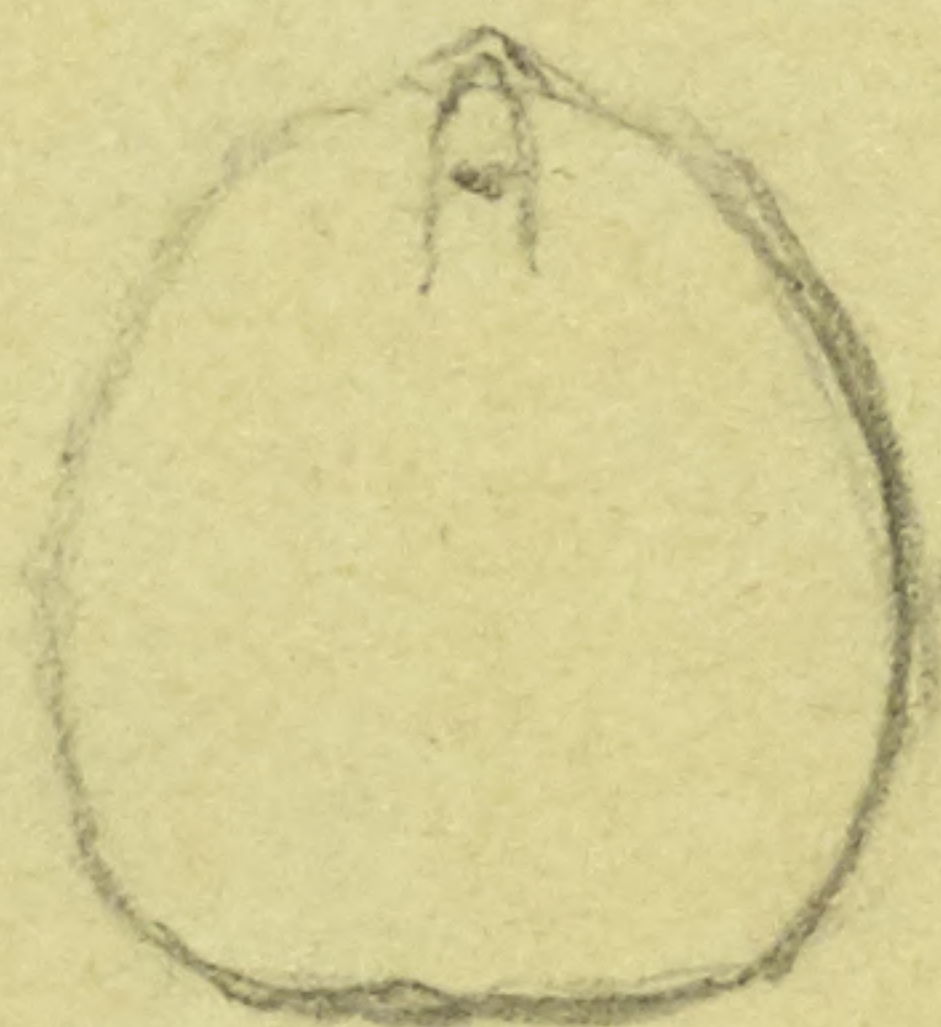
copyright reserved



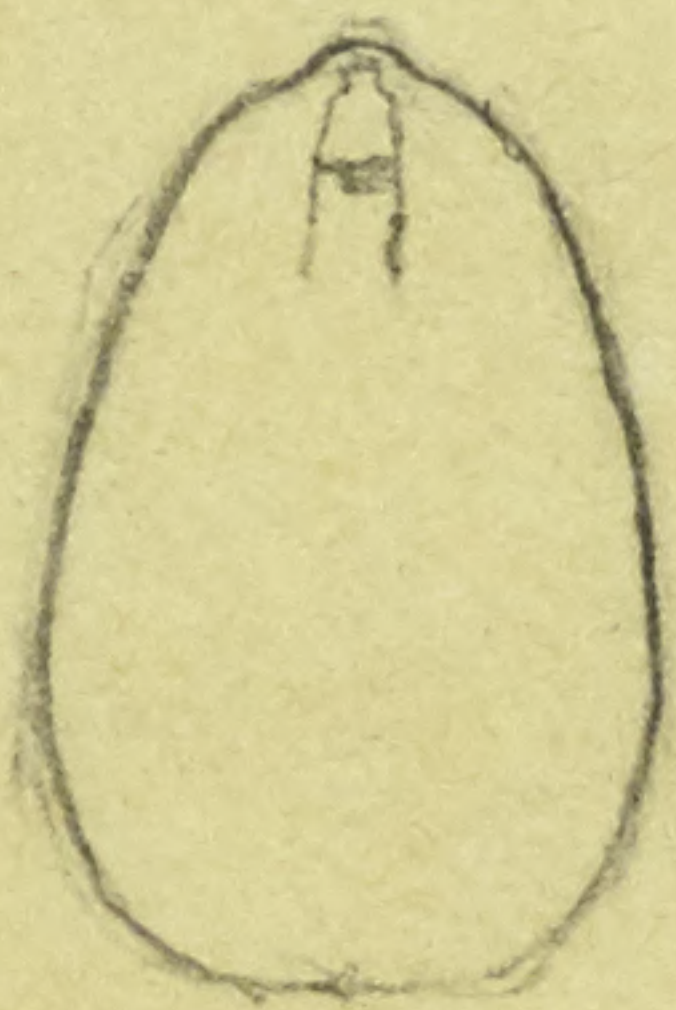
MISSOURI
BOTANICAL
GARDEN

Feb 20 1880

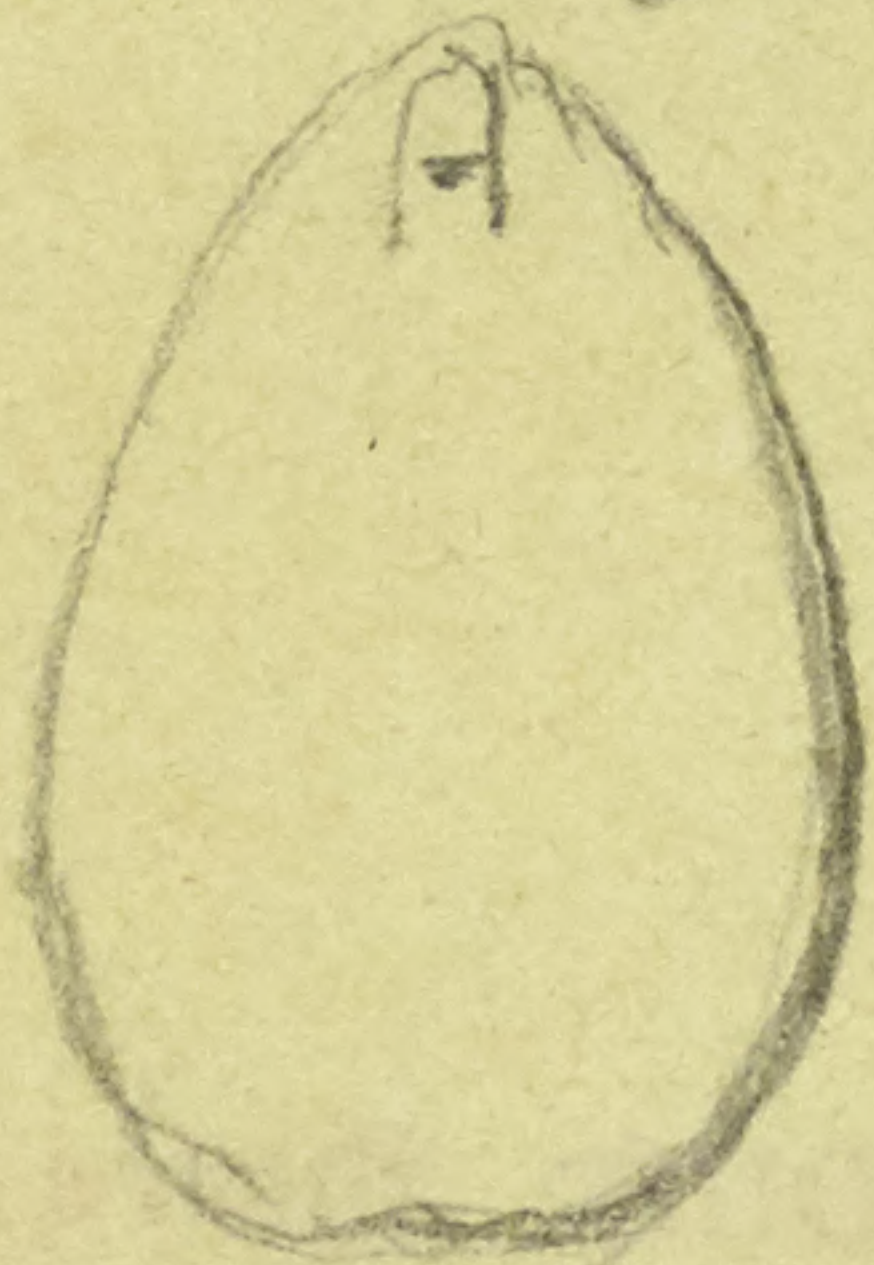
Q. bicolor
St Louis



Q. Muhlenbergii
St Louis



Q. prinus
N Jersey



Q. prinoides
N Jersey



x 10



x 10



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copyright reserved



MISSOURI
BOTANICAL
GARDEN

6289

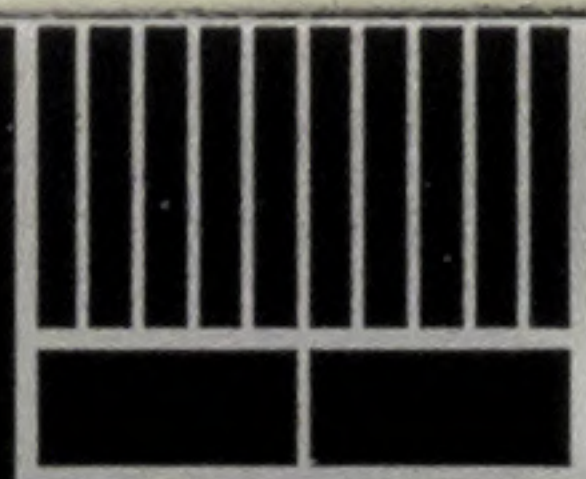
HENRY T. ROHLFING,
APOTHECARY.

No. 2600 Baclede Ave., S. W. Cor. Jefferson Ave.

ST. LOUIS, MO.

R

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



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copyright reserved



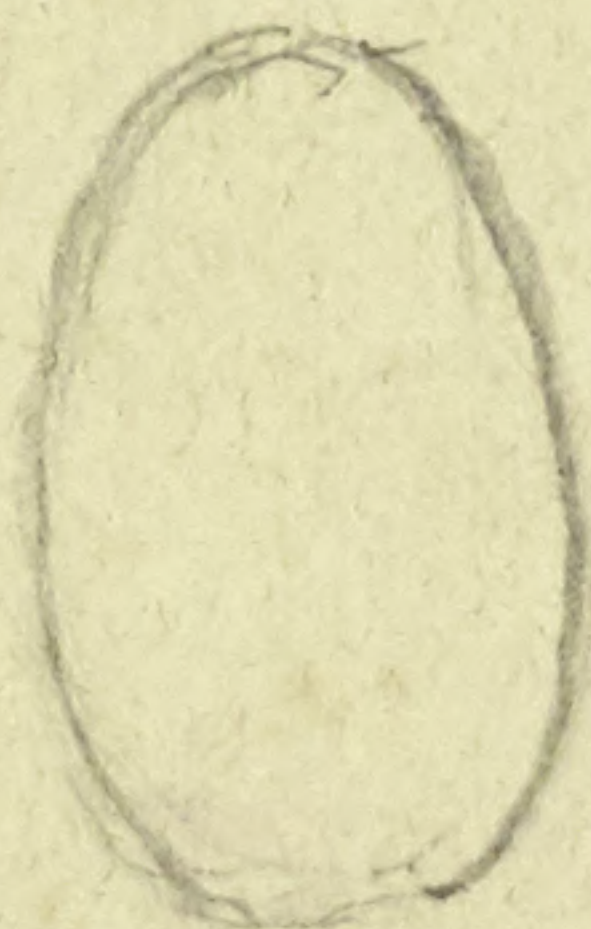
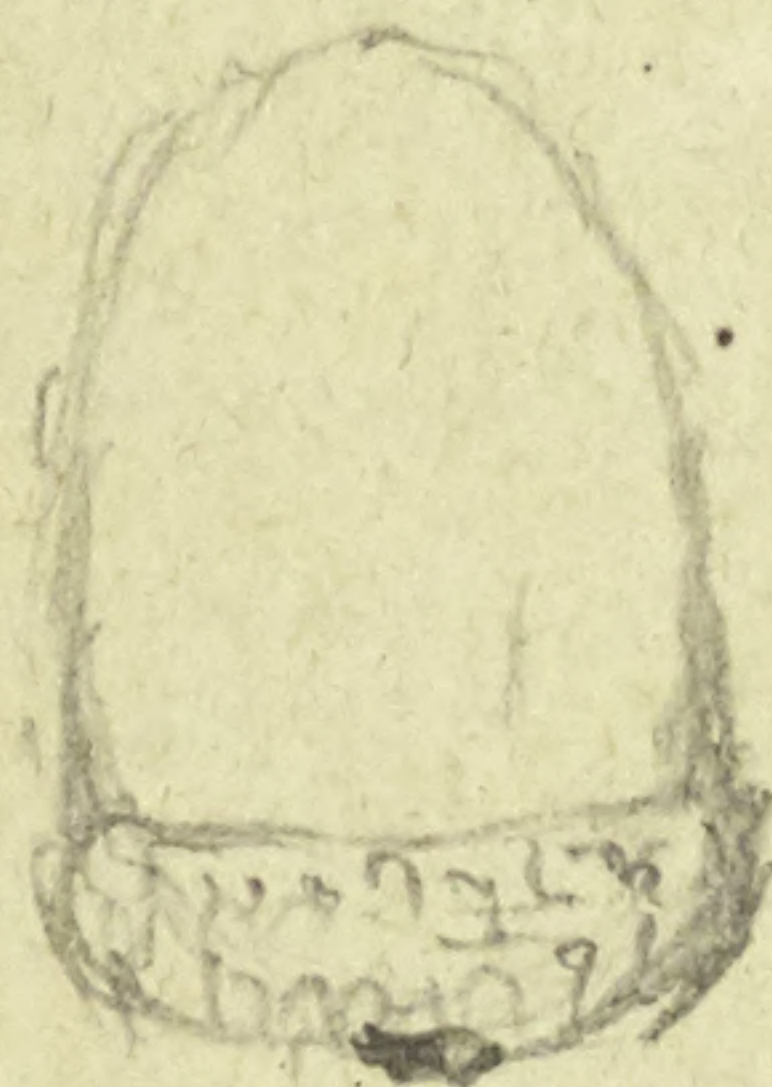
MISSOURI
BOTANICAL
GARDEN

Gr. San Sabana
Victoria Texas, E. Mohr 1880

April 2 1882

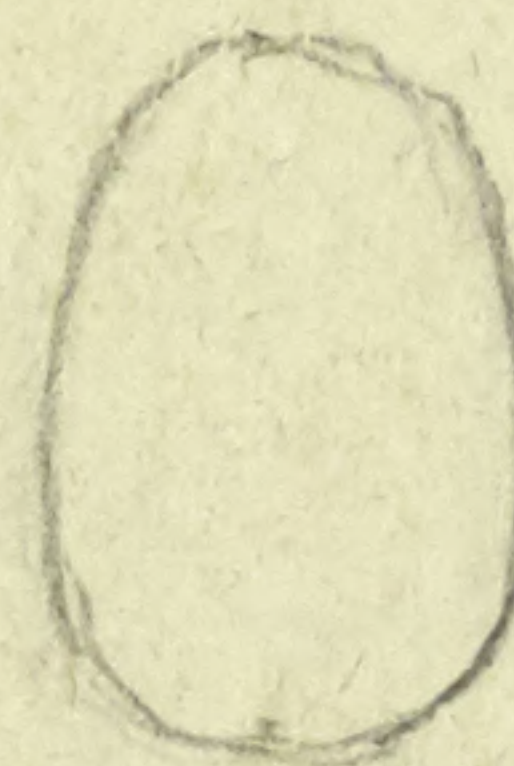
San Saba, Buckley

is this not grisea?
with deep cup & united
Cotyled.

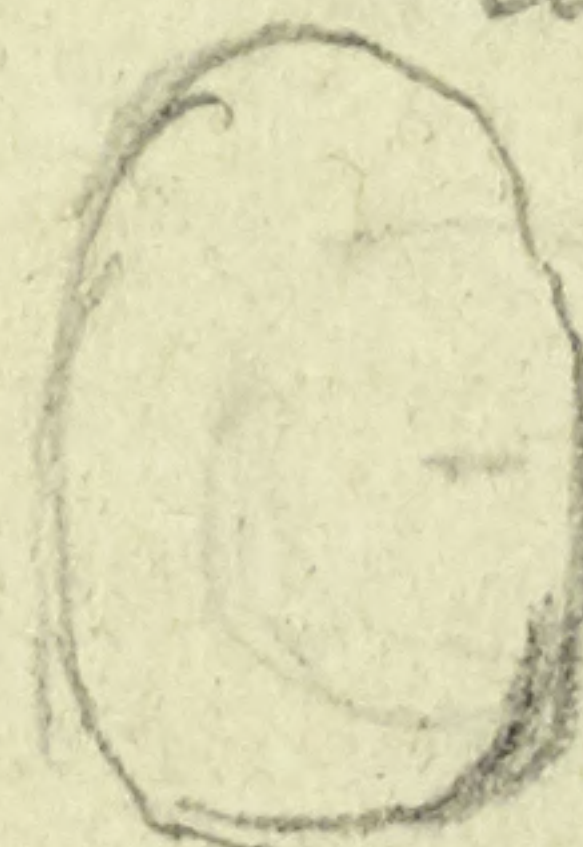
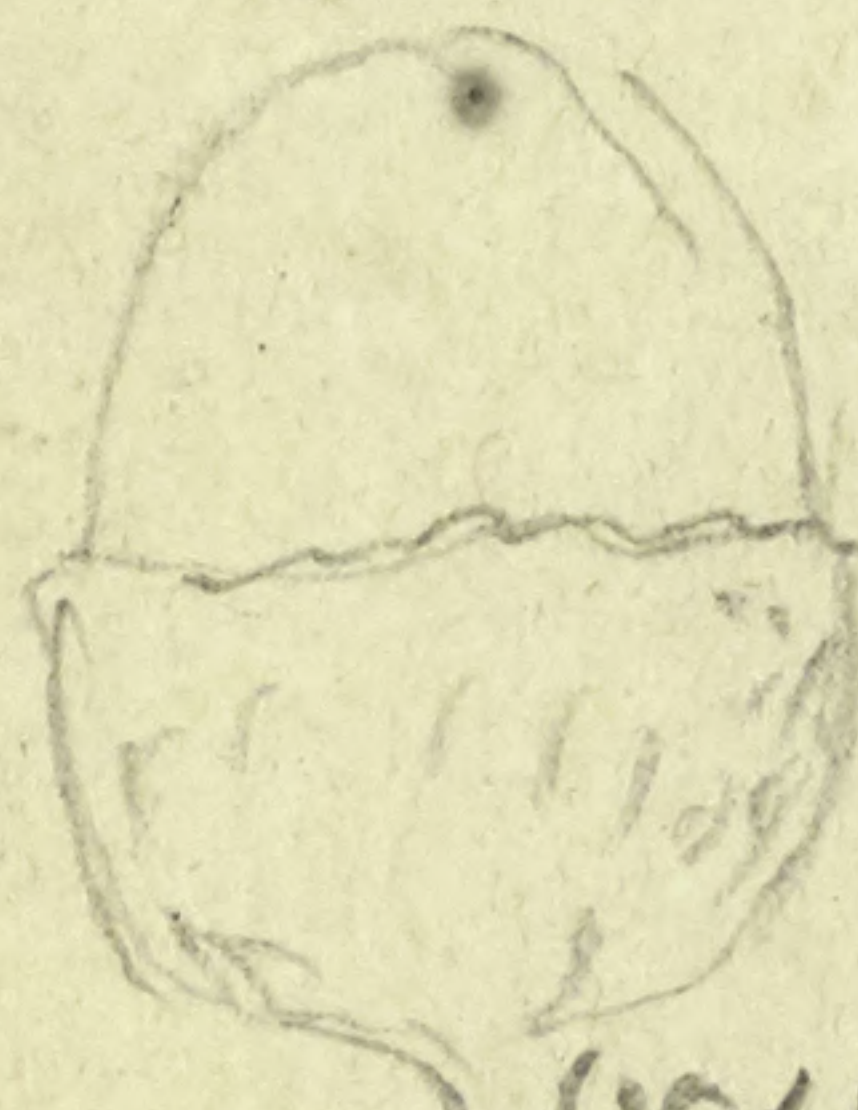


x 10

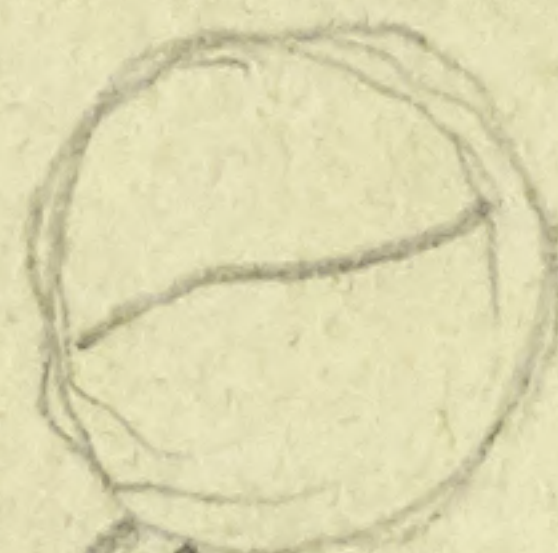
Cotyledons
separate



Cotyledons almost entirely
united; no
caulicle seen!

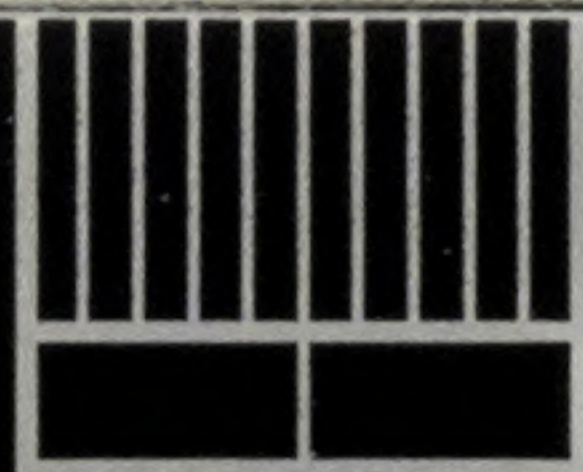


Cotyl united



Cup very shallow

Dr. Howard, Colorado City 1881



0 1 2 3 4 5 6 7 8 9 10

cm

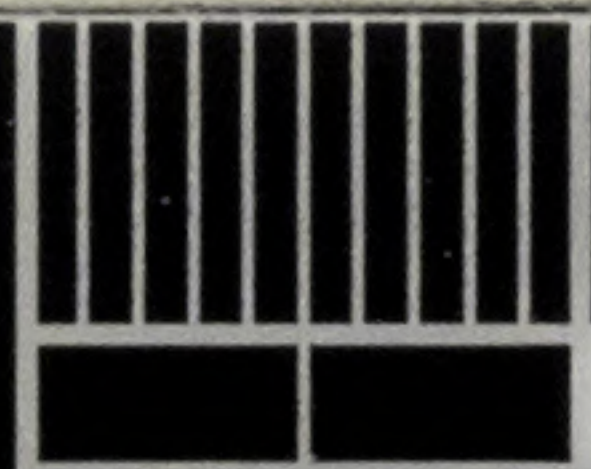
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GARDEN

6290

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GEORGE ENGELMANN PAPERS.



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MISSOURI
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GARDEN

Quercus stellata

Febr 20 1880

variety from S. Carolina 31
x10 Jan 31 1880

S. Carolina from S. Brown

caulicle

plumule

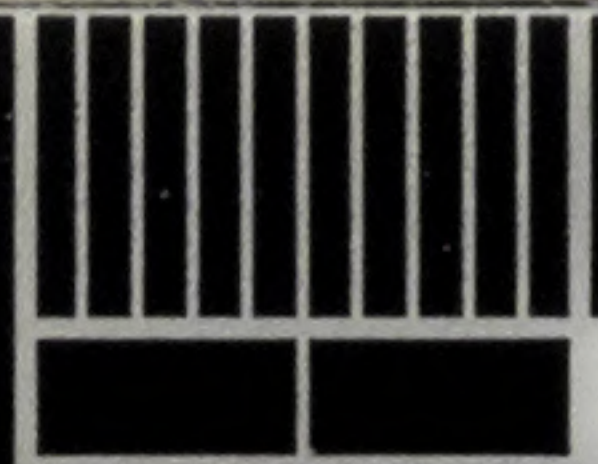
stipe of

Cotyledon

one cotyledon, other broken
off
base of cotyledon covering plumule



x10



0 1 2 3 4 5 6 7 8 9 10

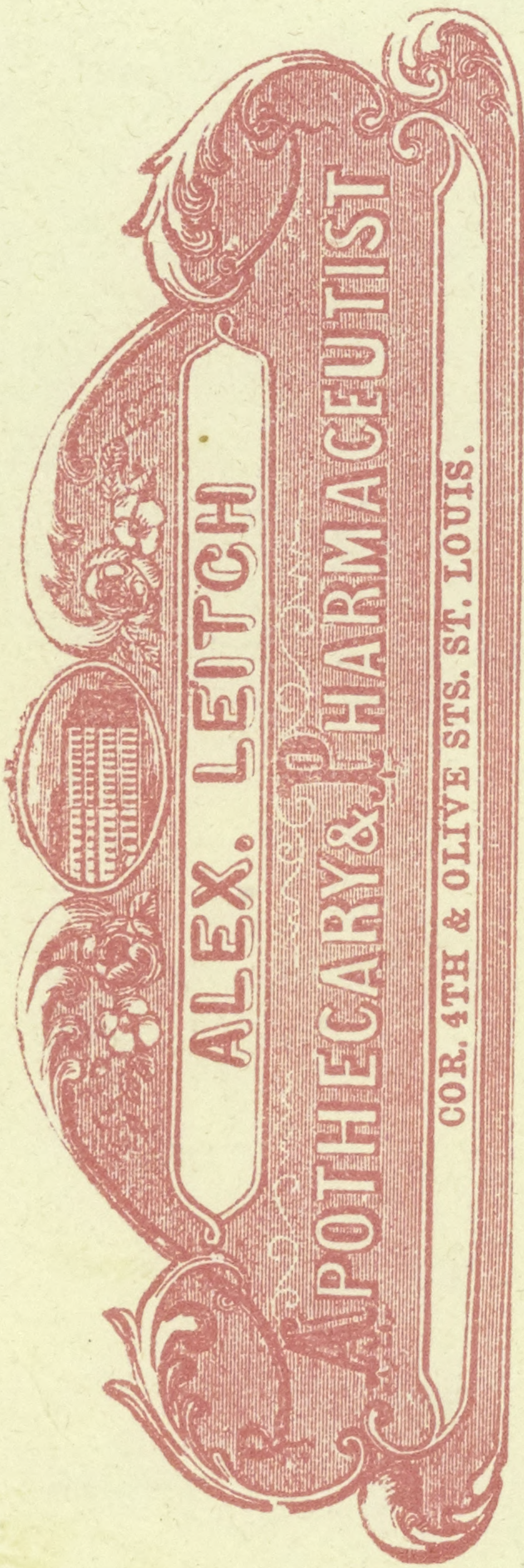
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

6291

**ALEX. LEITCH**
APOTHECARY & PHARMACEUTIST
COR. 4TH & OLIVE STS. ST. LOUIS.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



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GARDEN

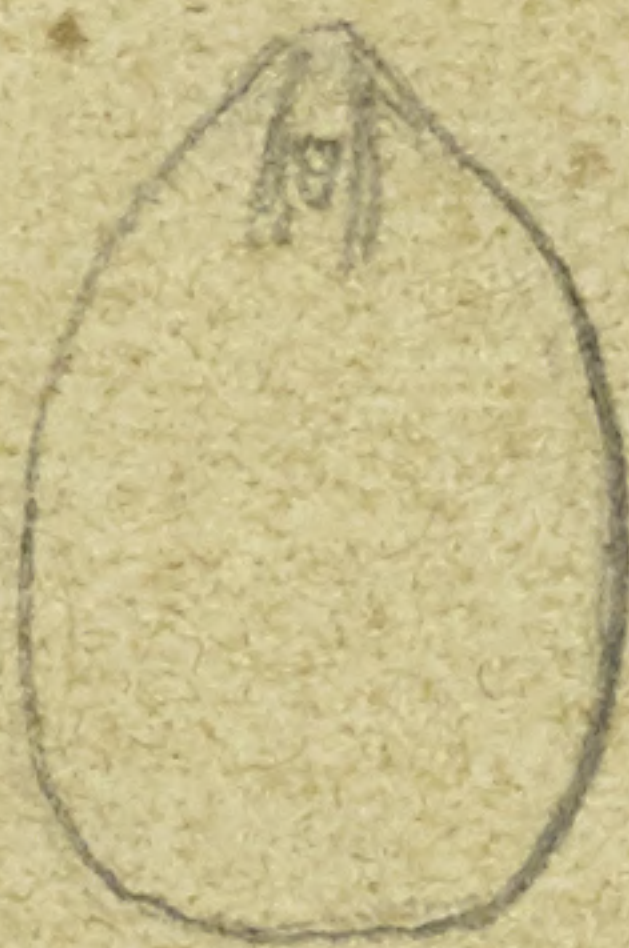
Q. macrocarpa x *alba*
Vermont, Pringle

Feb 22 1880



Q. Prinus x *alba*
Vermont Pringle

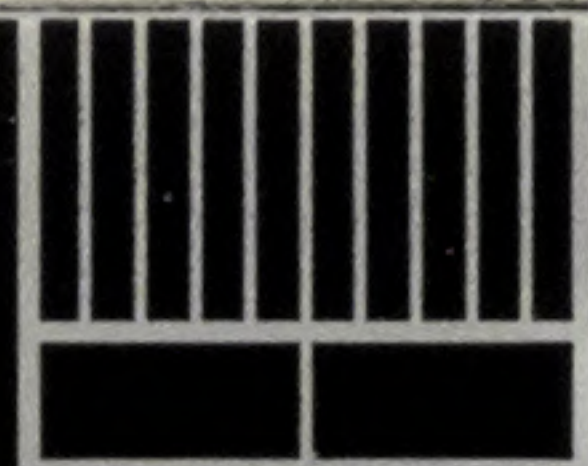
Feb 22 1880



x 10



x 10



0 1 2 3 4 5 6 7 8 9 10

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MISSOURI
BOTANICAL
GARDEN

H. W. BARKHOFFER & CO.,

DRUGGISTS & PHARMACISTS,

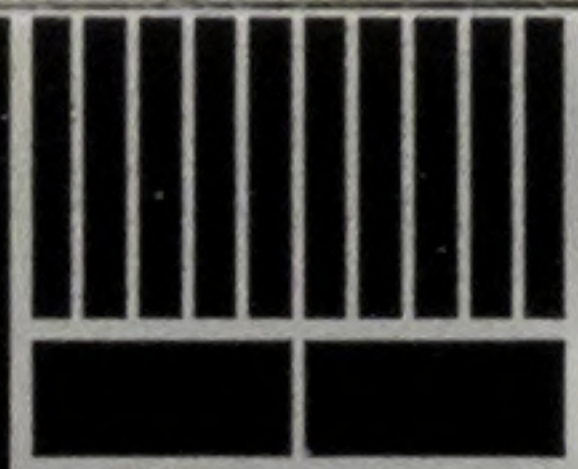
No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

R

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

6292



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Febr 20 1880

Q. macrocarpa x *alba*

both from same tree

Hall, Illinois



stomach unusually developed



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copyright reserved



MISSOURI
BOTANICAL
GARDEN

6293

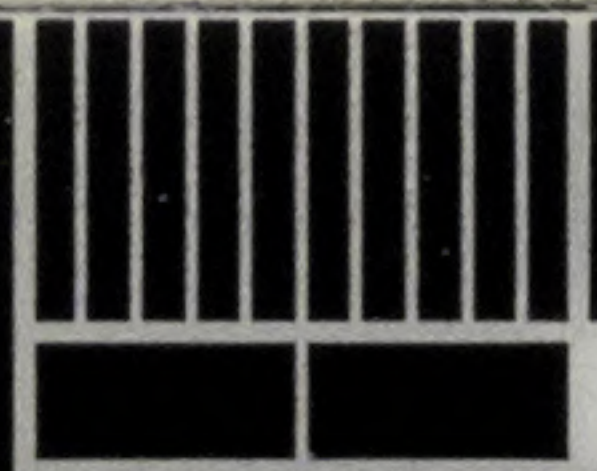
Henry T. Robinson
APOTHECARY

No. 2600 Laclede Ave., S. W. Cor. Jefferson Ave.

ST. LOUIS, MO.

MISSOURI BOTANICAL GARDEN
GELMANN PAPERS

R



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

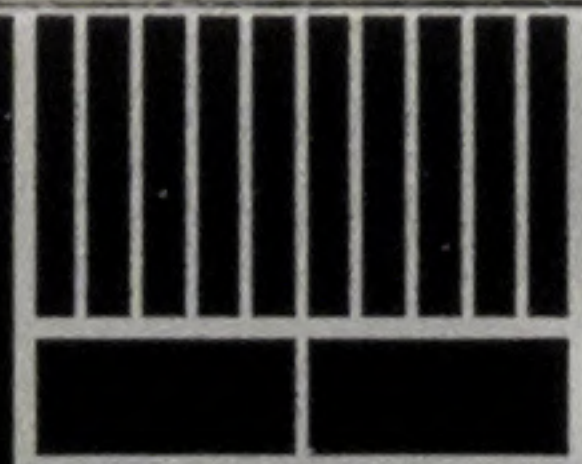
Quercus nana Willd. ^{Sp. N. 4. 443} ^{2.628} Pursh. foliis cuneiformibus
glabris, apice trilobis, basi subsinatis, lobis divaricatis
mucronatis ~~attingentibus~~, intermedio majore, cupula
scutellata, glande ovato-subglobosa

as this var. *var. pubescentibus*

Pinebarren S. Carol. - is distinct from *agatica*, "Pursh
low growing

Q. virens var. *dentata* (*Q. nana* Willd. ?) Chapm. fl. 421.

Dwarf, 1-2 feet high, earliest leaves flat, wedge-
obovate or obovate-oblong, mucronate, toothed
at length smooth, the others lanceolate, entire, & fruit
sessile or short peduncled, oft clusters, - Fl. Pine-
barrens, Florida, leaves nearly sessile.



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copyright reserved



MISSOURI
BOTANICAL
GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

harris, July 66/5/11

see paid me - see -
see on Lasalle & St. Augustine
to July 66/5/61 here with
ack for same, \$081⁰⁰/₁₀₀ on
a letter from.
design & return to me

Truly yours
E. C. Tilton

6294



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cm

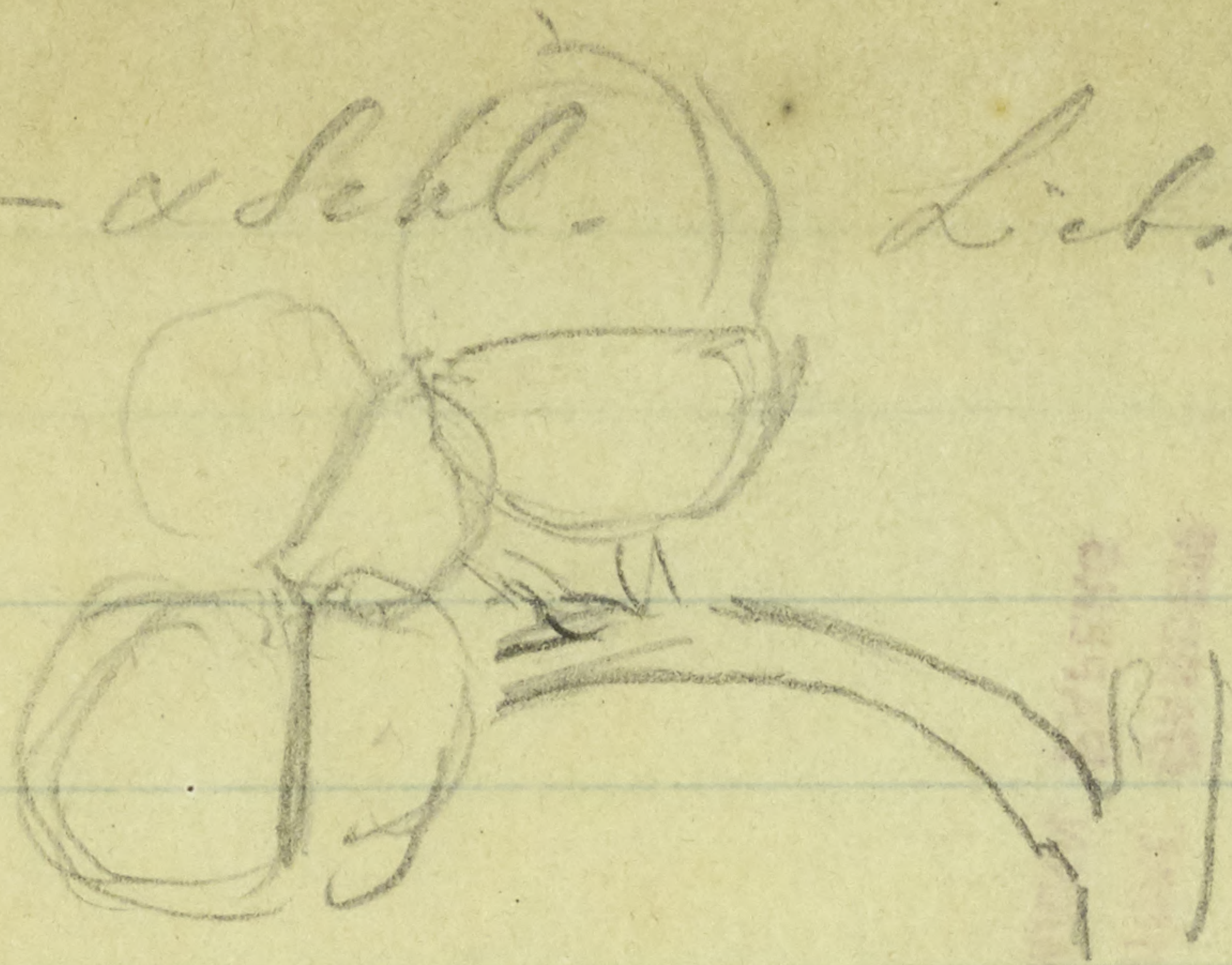
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MISSOURI
BOTANICAL
GARDEN

Cambridge Oct 1876

Quercus calophylla Ch. & Schl. Liebm. leg.
spike flowers in bicorned fruit.



Chrysopsis wood Palau, Saabulijin Cañon,
splendid tree 3' diam. was cut down — wood in Agr. Depart.
Coll. is from a limb — agrofolia from Saen Locality
is a section of a young tree

Q. Palauensis 2-2½ inch diam. — very showy, from the
shining green illex like leaves.



0
cm

1

2

3

4

5

6

7

8

9

10

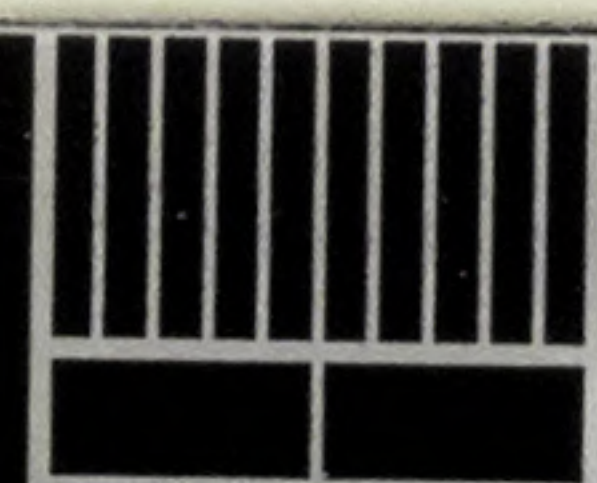
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6295

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0

1

2

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cm

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